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1907/08

CATALOGUE

OF

BUCHTEL COLLEGE

AKRON, OHIO

1907-1908

THIRTY-SEVENTH

ANNUAL CATALOGUE

OF

BUCHTEL COLLEGE

AND

ACADEMY

FOR THE YEAR
1907-1908

AKRON : OHIO

PUBLISHED BY THE COLLEGE, APRIL, 1908.

The Commercial Printing Co.
Akron, Ohio.

BUCHTEL COLLEGE

AND

ACADEMY

Founded in 1870 by the
OHIO UNIVERSALIST CONVENTION

Named in honor of
HON. JOHN R. BUCHTEL

CO-EDUCATIONAL **NON-SECTARIAN**

Furnishes the highest grade of Classical, Literary and Scientific instruction, under the immediate direction of Thorough and Experienced Teachers.

Three College Courses leading to the Baccalaureate Degrees of A. B., Ph. B. and S. B.

Academy Courses of a Scientific and Literary nature and preparatory to College.

For catalogue and other information address

A. B. CHURCH, D. D., LL. D., President,
AKRON, OHIO

CALENDAR.

1908.

January 27, Monday—Second Half-Year begins. Registration and classification.
January 28, Tuesday, 7:45 A. M.—Class Work begins.
March 11, Wednesday, 9:30 A. M.—Mid-Year meeting of Board of Trustees.
March 13, Friday, 7:30 P. M.—Sophomore Ashton Prize Speaking.
April 11, Saturday, to April 20, Monday, inclusive—Easter recess.
May, Friday—Tree Holiday.
June 5, Friday, 4:15 P. M.—Senior Vacation begins.
June 12, Friday, 8 P. M.—Graduating Exercises of Academy.
June 14, Sunday, 2:30 P. M.—Baccalaureate Services and Sermon.
June 15, Monday, 10 A. M.—Senior Class exercises; 8 P. M.—Senior Promenade.
June 16, Tuesday, 9:30 A. M.—Annual Meeting of Board of Trustees.
June 16, Tuesday, 2:30 P. M.—Junior Ashton Prize Speaking.
June 16, Tuesday, 8 P. M.—President's Reception.
June 17, Wednesday, 9:30 A. M.—Commencement Address and Conferring of Degrees.
June 17, Wednesday, 3 P. M.—Annual Business Meeting of Alumni Association.
June 17, Wednesday, 8 P. M.—Alumni Social Reunion and Banquet.
June 18 to September 14—Summer Vacation.
September 14, Monday, 1:30 P. M.—First half-year of College and Academy begins. Local registration and classification.
September 15, Tuesday, 9:00 A. M.—Registration and classification of foreign students.
September 16, Wednesday, 7:45 A. M.—Regular class work begins.
November 13, Friday, 7:30 P. M.—Senior Ashton Prize Speaking.
November 25, Wednesday, 12 M., to Sunday, inclusive—Thanksgiving recess.
December 19, Saturday, 12 M., Christmas recess begins.

1909.

January 4, Monday, 7:45—Class work will be resumed.
January 18, Monday—Founder's Day.
January 28, Thursday, 4 P. M.—First Half-Year closes.
January 29, Friday, and February 1, Monday—Registration and classification.
February 2, Tuesday, 7:45 A. M.—Class work begins.
February 22—Legal Holiday.
March 10, Wednesday, 9:30 A. M.—Mid-Year Meeting of Board of Trustees at Buchtel Hall.
March 12, Friday, 7:30 P. M.—Sophomore Ashton Prize Speaking.
April 3, Saturday, 12 M., to April 12, inclusive—Easter recess.
May 14, Friday—Tree Holiday.
June 5, Saturday, 12 M.—Senior Vacation begins.
June 11, Friday, 8:00 P. M.—Graduating Exercises of the Academy.
June 13, Sunday, 2:30 P. M.—Baccalaureate Services and Sermon, Crouse Gymnasium.
June 14, Monday, 10:00 A. M.—Senior Class Exercises; 8:00 P. M.—Senior Promenade.
June 15, Tuesday, 9:30—Annual Meeting of the Board of Trustees, Buchtel Hall.
June 15, Tuesday, 2:30 P. M.—Junior Ashton Prize Speaking.
June 15, Tuesday, 8:00 P. M.—President's Reception.
June 16, Wednesday, 9:30—Commencement Address and Conferring of Degrees.
June 16, Wednesday, 2:00 P. M.—Meeting of Alumni Association.
June 16, Wednesday, 8:00 P. M.—Alumni Social Reunion and Banquet, Crouse Gymnasium.

TRUSTEES.

Judge Newell D. Tibbals	*Akron*	Terms of Office Expire in 1908
Rev. Andrew Willson, D. D.	*Ravenna*	
Rev. Lee. S. McCollester, D. D.,	*Detroit, Mich.*	
John R. Smith,, A. B.	*Akron*	
Frank M. Cooke, A. B.	*Akron*	
Albert A. Kohler, A. B., M. D.	*Akron*	

Rev. A. B. Church, D. D., LL. D.	*Akron*	Terms of Office Expire in 1909
Charles C. Goodrich, A. B.	*Akron*	
A. V. Cannon, B. S.	*Cleveland*	
Arthur A. Stearns, A. M., LL. D.	*Cleveland*	
R. A. Clark, B. S., LL. B.	*Pittsburg, Pa.*	
Herbert B. Briggs, B. S.	*Cleveland*	

Hon. George W. Crouse	*Akron*	Terms of Office Expire in 1910
Johnson A. Arbogast	*Akron*	
Hon. Joseph Hidy, Ph. B., LL. B.	*Cleveland*	
James Ford, B. S.	*Washington C. H.*	
A. E. Roach	*Akron*	
Wallace L. Carlton	*Akron*	

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PRESIDENT

HON. GEORGE W. CROUSE,
VICE-PRESIDENT

CHARLES R. OLIN, B. S.,
SECRETARY AND TREASURER

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FRANK M. COOKE, A. B.
JOHNSON A. ARBOGAST HON. GEORGE W. CROUSE

PRESIDENTS OF BUCHTEL COLLEGE.

S. H. MCCOLLESTER, D. D.....1872-1878
E. L. REXFORD, D. D.....1878-1880
*ORELLO CONE, D. D.....1880-1896
C. M. KNIGHT, Sc. D., (ad interim).....1896-1897
I. A. PRIEST, D. D.....1897-1901
A. B. CHURCH, D. D., LL. D.....1901-

*Deceased.

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BUCHTEL COLLEGE CAMPUS.

FACULTY, INSTRUCTORS AND OFFICERS*

For the Year 1907, 1908 and 1909.

A. B. CHURCH, A. M., D. D., LL. D.,
PRESIDENT
Messenger-Professor of Mental and Moral Philosophy
President's House

CHARLES M. KNIGHT, A. M., Sc. D.,
DEAN OF THE FACULTY
Buchtel-Professor of Chemistry
129 S. Union Street

JOSEPH C. ROCKWELL, A. M.,
Professor of Latin and Greek
265 Rosedale Place

CHARLES BROOKOVER, M. S.,
Professor of Natural Science
On leave of absence during 1907-08.

OSCAR E. OLIN, A. M.,
Professor of Economics and History, and Instructor in Mental and Moral Philosophy
476 Orchard Court

PARKE R. KOLBE, A. M.,
Hilton-Professor of Modern Languages
271 Rosedale Place

ALBERT I. SPANTON, A. M.,
Pierce-Professor of English and Literature
407 Vine Street

PAUL BIEFELD, B. S., E. E., Ph. D.,
Ainsworth-Professor of Mathematics, Astronomy and Physics
430 Orchard Court

CHARLES R. OLIN, B. S.,
Instructor in Mechanical Drawing and Freshman Mathematics
421 Spicer Street

LOUISE FORSYTH,
Instructor in Oratory and Physical Culture for Young Women
408 E. Buchtel Avenue.

FRANCIS L. WHITNEY, A. B.,
Acting Professor of Natural Science
429 Spicer Street

KATHARINE MERRILL, A. M.,
Professor of Rhetoric and Spoken English

SARAH DEMAUPASSANT PLAISANCE, A. M.,
Instructor in French

CHARLES BULGER,
Assistant in German and Teacher of English
369 Allyn Street

*Except the President, the arrangement is in order of appointment.

Hezzleton Simmons,
Assistant in Chemistry
286 Carroll Street

Irene L. Tomlinson,
Assistant in Biology
Curtis Cottage

Charles O. Rundell, B. S.,
Principal of the Academy and Teacher of German
608 E. Buchtel Avenue

M. Alice Rines, A. M.,
Assistant Principal of the Academy and Teacher of Latin and French
362 E. Buchtel Avenue

Charles H. Shipman, A. B.,
Teacher of Physical Science and Mathematics and Teacher of Physical Training for Young Men
69 Kirkwood Street

Charlotta H. Olin, Ph. B.,
Teacher of English and History
476 Orchard Court

Succeeded by

Harriet M. Wise,
34 N. Union Street

May F. Sanford,
Teacher of Drawing and Director of the Buchtel Art School
494 W. Market Street

Isabel Kennedy,
Director of Music School and Teacher of Piano, Organ and Harmony
539 Crosby Street

Hallie Tillson,
Librarian
187 Elwood Avenue

Mrs. Allice F. Mallery and Mrs. S. M. McElhinney,
In Charge of Curtis Cottage

S. Estella Olin,
Office Assistant

Charles W. Hoffman,
Janitor
265 Carroll Street

COMMITTEES OF THE FACULTY.

1907-08.

Committee on Classification
PROFESSORS CHURCH, ROCKWELL AND SPANTON

Committee on Course of Study
PROFESSORS KNIGHT, OLIN, BIEFELD AND PRINCIPAL RUNDELL

Committee on Scholarships
PROFESSORS CHURCH AND KNIGHT

Committee on Records
PROFESSORS ROCKWELL AND KOLBE

Committee on Printing
PRESIDENT CHURCH AND SECRETARY OLIN

Committee on Rules and Discipline
PROFESSORS CHURCH, KNIGHT, OLIN AND BIEFELD

Committee on Prize Speaking
PROFESSORS SPANTON, KOLBE AND MISS FORSYTH

Committee on Socials and Holiday Observances
PROFESSORS SPANTON, WHITNEY AND MISS FORSYTH

Committee on Music
PROFESSORS ROCKWELL AND MISS KENNEDY

Committee on Athletics
C. R. OLIN AND C. H. SHIPMAN

Committee on Buildings and Grounds
PROFESSORS KNIGHT, OLIN AND WHITNEY

Committee on Local and Intercollegiate Oratory and Debate
PROFESSORS P. R. KOLBE, A. I. SPANTON, O. E. OLIN
AND LOUISE FORSYTH

REFERENCE COMMITTEE.

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Bortle, Rev. Martha A. ..... Washington, D. C.
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Canfield, H. L., D. D. ..... Pasadena, Cal.
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Mignin, Mrs. C. F. ..... Castile, N. Y.
Markley, Mrs. Charles ..... London, Ohio
McCollester, Lee S., D. D., ... 654 John R. St., Detroit, Mich.
Rosendale, Mrs. T. T. ..... Fostoria, Ohio
Slade, Wm. H. ..... Akron, Ohio
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Stephens, Chas. H. ..... Cor. 3d and Walnut Sts., Cincinnati
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Tuttle, A. L. ..... So. Edmeston, N. Y.
Couch, Mrs. M. E. ..... No. Adams, Mass.
Mason, Rev. L. Walter ..... 209 So. St. Clair St., Pittsburg, Pa.
Richards, Rev. L. J. ..... Ft. Plain, N. Y.

The above named persons have signified their willingness to serve on the Reference Committee. From time to time, catalogues and such other advertising matter of Buchtel College, as may be at hand, will be sent to each member of the committee.

Parents desiring to inform themselves about college courses and methods, and students desiring to enter College, are advised to call upon some member of the committee who may reside in the vicinity.

ENDOWMENTS.

MESSENGER PROFESSORSHIP.

The Messenger Professorship of Mental and Moral Philosophy was endowed by Mrs. Lydia A. E. Messenger, late of Akron, in memory of her deceased husband, Rev. George Messenger.

HILTON PROFESSORSHIP.

The Hilton Professorship of Modern Languages was endowed by John H. Hilton, late of Akron.

PIERCE PROFESSORSHIP.

The Pierce Professorship of English Literature was endowed by Mrs. Chloe Pierce, late of Sharpsville, Pa.

BUCHTEL PROFESSORSHIP.

The Buchtel Professorship of Physics and Chemistry was named in honor of Mrs. Elizabeth Buchtel, late of Akron.

AINSWORTH PROFESSORSHIP.

The Ainsworth Professorship of Mathematics and Astronomy was endowed by Henry Ainsworth, late of Lodi.

RYDER PROFESSORSHIP.

The Ryder Professorship of Rhetoric and Oratory was established by the Board of Trustees in memory of Dr. William H. Ryder, late of Chicago.

MESSENGER FUND.

The Messenger Fund was created by Mrs. Lydia A. E. Messenger, late of Akron. The fund consists of $30,000.

ISAAC AND LOVINA KELLY FUND.

The Isaac and Lovina Kelly Fund was created by Isaac Kelly, late of Mill Village, Pa. This fund consists of $35,788.

WILLIAM PITT CURTIS FUND.

This fund was established by William Pitt Curtis, of Wadsworth, O. It now amounts to $25,000.

PERPETUAL SCHOLARSHIPS.

Fifty perpetual scholarships of $1,000 each have been established by the following donors:

*Miss E. V. Steadman ..... Marietta
*James Pierce ..... Sharpsville, Pa.
*Elijah Drury ..... Girard, Pa.
Mrs. Mary C. Martin ..... Lebanon
*James F. Davidson ..... Brimfield
*†Miss Betsey Thomas ..... Irwin
*John Perdue ..... Lafayette, Ind.
*Eli M. Kennedy ..... Higginsville, Mo.
*John K. Smith ..... Ravenna
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*H. D. Loudenback ..... Westville
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*Isaac and Lovina Kelly ..... Mill Village, Pa.
S. T. and S. A. Moon ..... Cuba
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*Mrs. E. W. Terrill ..... Jeffersonville
*Mrs. John H. Hilton ..... Akron
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*Samuel Grandin ..... Tidioute, Pa.
N. B. and A. E. Johnson ..... Mingo
*Henry Ainsworth (10) ..... Lodi
*Miss Anna A. Johnson ..... Bay City, Mich.
Mr. and Mrs. John Miller ..... Edgerton
John P. Chapin ..... New Philadelphia
Christian Swank ..... Creston, O.
Mrs. S. O. Acomb ..... Tidioute, Pa.
*Mrs. Jane Betz (2) ..... Hamilton
‡Miss Hannah Allyn ..... Akron
*Mrs. Rosa G. Wakefield ..... Green

These Scholarshops are intended to aid worthy and deserving students, and are awarded by a Scholarship Committee under authority from the Board of Trustees.

*Deceased.
†In honor of her father, Eliphas Burnham.
‡In memory of her father and mother, Mr. and Mrs. Israel Allyn, and her sister, Lucy Allyn.

GENERAL INFORMATION.

FOUNDATION.

Buchtel College was founded in 1870, by the Ohio Universalist Convention, and took its name from its most generous benefactor, Hon. J. R. Buchtel, who consecrated his life and wealth to its support. It was chartered by the Ohio Legislature in the same year as a College of Liberal Arts and Letters, and first opened its doors for the admission of students in September, 1872. It is designed to secure the highest grade of Classical, Scientific and Literary culture known to American Colleges.

LOCATION.

Buchtel College is located in Akron, Summit County, Ohio. This city, with a population of about 55,000, is situated in the midst of hills and valleys, and is one of the most picturesque in the country. It is a healthful city and easy of access, having direct connection with all parts of the country. It is located on the line of the Erie (New York, Pennsylvania & Ohio); Cleveland, Akron & Columbus; Cleveland, Terminal & Valley; Pittsburg & Western; Northern Ohio, and Baltimore & Ohio Railways; also on the A., B. and C., and Kent, Ravenna, Canton, Barberton and Wadsworth Divisions of the Northern Ohio Traction Company's electric lines.

BUILDINGS AND GROUNDS.

The College Campus comprises six acres, is situated on the highest eminence in the county and faces on Buchtel Ave., one of the pleasantest residence streets of the city. The Loop Line electric cars, which receive transfers from all city and suburban lines, pass the college gates.

At present there are seven buildings on the campus, these being only the beginning of the prospective quadrangle of the Greater Buchtel.

Owing to the fire of 1899 the college and academy buildings and the heating plant are each new, with new furnishings and laboratory equipments, and are admirably adapted to the work required of them.

BUCHTEL HALL.

Buchtel Hall, designed for College classes in all work except Chemistry, is a beautiful building, classic in design and convenient in arrangement. As is shown by the cut, the main entrance is up a broad flight of marble steps to the first floor, which is high enough to leave the basement story almost entirely above ground. In the center of the first floor is the grand staircase and an open court extending to a skylight. There are four large recitation rooms with a Professor's private office connected with each on the first and the second floors. On the ground floor, besides a work-shop and separate study, bicycle, and toilet rooms for young men and women, is a suite of six rooms well planned and equipped for the Physical Laboratories.

CHEMICAL LABORATORY.

A three-story Chemical laboratory building, the gift of Andrew Carnegie, is under process of construction and is expected to be ready for occupancy at the opening of the college year, 1908.

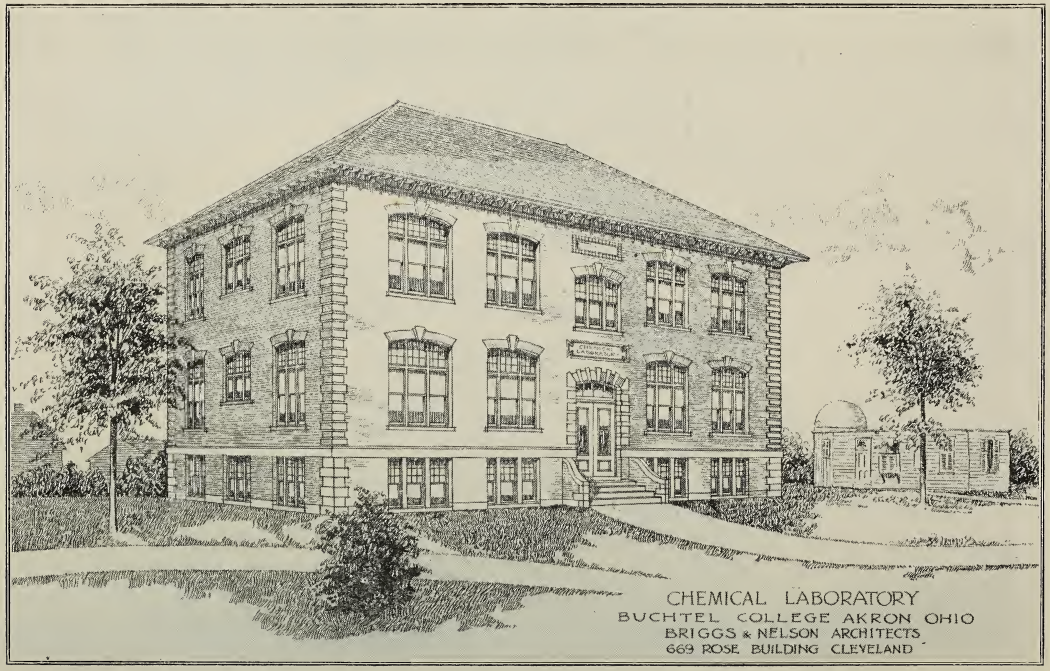
The building is a brick structure containing seventeen rooms admirably arranged for the various phases of elementary and advanced practical chemistry teaching, and equipped with the most modern and approved apparatus for that work.

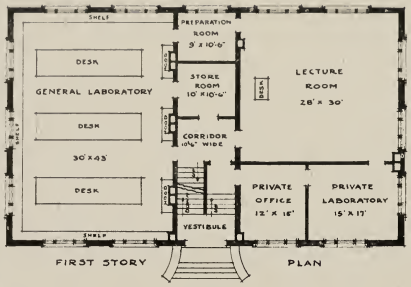
BUCHTEL ACADEMY.

The Academy is designed for the convenience of the Preparatory, Oratory and Art Schools. It is a roomy and convenient three-story building. On the ground floor are the Physical Laboratories, and the separate lockers and toilet rooms for young men and women. On the second floor are the Administration Offices and the main recitation rooms. On the third floor are the large Art Rooms and an Assembly Room, which is used for Mechanical Drawing.

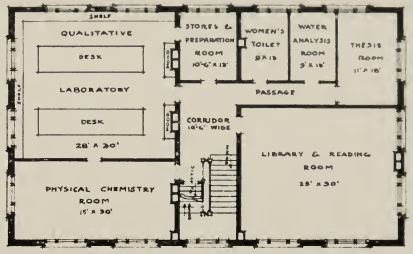
FIRE PROOF.

These three buildings are fireproof and have the heating, ventilating and sanitary arrangement and appoint-

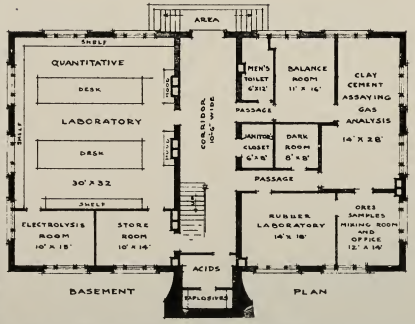

CHEMICAL LABORATORY
BUCHTEL COLLEGE AKRON OHIO
BRIGGS & NELSON ARCHITECTS
669 ROSE BUILDING CLEVELAND



FIRST STORY PLAN



SECOND STORY PLAN



BASEMENT PLAN

CHEMICAL LABORATORY

BUCHTEL COLLEGE

AKRON

SCALE – ONE INCH = 16 FEET

BRIGGS & NELSON – ARCHITECTS
669 ROSE BUILDING
CLEVELAND

CROUSE GYMNASIUM.

ments of the most approved kind known to modern builders. With the Gymnasium, they are heated from one central heating plant.

ASTRONOMICAL OBSERVATORY.

The Observatory is intended for the use of students, and, although some of the apparatus is very delicate and costly, yet it will be freely placed in the hands of those students who prepare themselves for its use. It is furnished with the following instruments:

An Equatorial Telescope of 4.5 inches aperture.

A Meridian Circle of 3 inches aperture, provided with various necessary accessory apparatus, and so mounted that it can be used as a Zenith Telescope.

Two Astronomical Clocks, furnished with electric connections.

A Chronograph.

Various other minor apparatus.

CROUSE GYMNASIUM.

This building is named in honor of Hon. George W. Crouse, of Akron, one of the liberal benefactors of the College.

The structure is a substantial brick building, one hundred and two feet in length by fifty-three feet in breadth. The basement contains the locker, dressing and bathing rooms thoroughly furnished. On the first floor are the Directors' office and the Gymnasium proper, which is eighty-four feet long and forty-eight feet broad. This room is equipped with the most approved apparatus and offers every facility for physical development. A running gallery of twenty-five laps to the mile surrounds the room.

The Gymnasium is open at stated times for the exclusive use of the young women, and at other times for the exclusive use of the young men, in both instances under a trained director.

In addition to the above mentioned facilities for physical culture, the College possesses, only three squares

away, extensive and elaborately equipped Athletic Grounds of four acres, which are admirably adapted for use of the students in playing base ball, foot ball, lawn tennis and similar games.

At present the Chemical Laboratory occupies a suite of six rooms in the basement of the Gymnasium and is modernly equipped for practical work.

The Buchtel College Music School occupies certain rooms in the Gymnasium. A two-manual pipe organ has been recently erected for chapel use and instruction.

The Gymnasium is also used, for the present, as the chapel assembly room.

THE HEATING PLANT.

The Heating Plant is located in a building by itself, thus avoiding any danger from fire or explosion. The plant is equipped with a thoroughly modern smoke consuming device. By means of conduits the steam is conveyed to the other buildings where fresh air is heated and forced through the rooms by the fan system.

CURTIS COTTAGE.

Curtis Cottage is the college home for women. It was completed and first occupied in January, 1905. It has eleven student rooms, uniform in size and furnishings and arranged for two students in a room,—parlors, dining room, kitchen, laundry and its own efficient hot water heating plant. It furnishes also a delightful suite of rooms for each of the women's fraternities.

The Cottage is in charge of a preceptress of culture and school experience, and provides, at a moderate expense, a home for women students, which is most modern and sanitary in all of its appointments, convenient and comfortable in its arrangements, and delightful and elevating in its social life.

THE PRESIDENT'S HOUSE.

The President's house is situated on the Campus within easy access of the other buildings; is a commodious, sub-

CURTIS COTTAGE.

stantial brick structure with modern conveniences and is occupied by the President and his family.

AIM.

Buchtel College is organized and equipped to give to young men and women a wholesome physical development, a most thorough mental discipline, and a practical, altruistic, moral training; to hold up before them the noblest ideals of manhood and womanhood and to develop within them a genius for usefulness.

INSTRUCTION.

The instruction of the College aims to combine the advantages of the lecture, recitation and laboratory system.

COLLEGE COURSES.

The curriculum embraces:

First: A Classical Course.

Second: A Philosophical Course.

Third: A Scientific Course.

These are four-year courses leading to the degrees of A. B., Ph. B., and S. B., and are equal to those adopted by other similar institutions of the country.

ACADEMY COURSES.

In connection with the College, but occupying a separate building on the Campus, and with a separate Faculty, is Buchtel Academy, in which students are thoroughly prepared for college entrance. Owing to limited numbers, the student is under the personal supervision of a strong corps of teachers and is afforded daily practical drill in class room and laboratory work.

BUCHTEL SCHOOL OF MUSIC.

The Music School is located at the College in Crouse Gymnasium. Thorough and technical training, beginning with fundamentals, is given in instrumental courses by capable and experienced specialists.

BUCHTEL SCHOOL OF ART.

The Art School is situated at the Academy Building in

a specially arranged and equipped suite of rooms and is under the personal supervision of a trained and experienced specialist. The School offers excellent advantages for the study of Art. It embraces instruction in charcoal, crayon, pencil, pastel, oil and water color. Students work from original designs, life, casts, and still life.

LABORATORY AND APPARATUS.

The larger portion of the basement of Crouse Gymnasium has been rearranged since the fire of 1899 for use as chemical laboratories consisting of five rooms. A general laboratory for the use of students during the first year of work in chemistry has been fitted with all modern facilities. Drainage, gas, hot and cold water, and all necessary apparatus, are at each student's desk. The students pursuing quantitative methods have ample room and opportunities for the more refined and careful researches in a laboratory by themselves, undisturbed by other workers. The ventilation of the laboratories is good, special wall flues carrying off noxious vapors.

The laboratories for physics are arranged in the basement of Buchtel Hall. Six rooms are given to the use of experimental physics. The rooms for experiments in electricity and magnetism are free from iron in their construction, and solid masonry floors in all laboratories secure the delicate instruments from outside jar and disturbance.

Excellent facilities for work in photography are provided by a well equipped dark-room, and students in physical science are encouraged to become familiar with the best methods of experimental illustration.

The department of Natural Science is located in the new Buchtel Hall, where three laboratory and lecture rooms are fitted for work in biology and geology. The student is supplied with microscopes, reagents, microtomes, and other apparatus needful for thorough work in biological research. A collection of minerals and crys-

tals, together with maps, charts, and a paleontological cabinet, comprise the equipment for work in Geology.

The College is supplied with excellent surveying instruments in the way of compass, engineer's level, surveyor's transit with solar attachment for determining the true meridian independent of the needle, chains, tapes, poles, pins, etc.

The Astronomical Observatory is adequately equipped with efficient, delicate and costly instruments for carrying on in a practical laboratory way that line of higher mathematics.

BIERCE LIBRARY.

The College Library had its origin with a collection of works donated in 1874 by the late Gen. L. V. Bierce. During the early days of the College the Library was augmented by books purchased from the proceeds of a bequest received from Gen. Bierce's estate. In recognition of this early gift the Library has been called the Bierce Library.

At the present time the Library is in Buchtel Hall and embraces about 9,000 bound volumes of standard works (exclusive of public documents). These books have been mostly selected with special reference to their use in connection with the various departments of college instruction. All are classified and arranged on the shelves by the Dewey system of classification. The whole Library is practically one of reference, as students have access to the shelves at all hours of the day. Books may also be drawn by students, professors, and officers, in accordance with the regulations, for use outside of the Library.

Since the fire of 1899 the Library has been reclassified and recatalogued and put in the best working condition for students.

In connection with the Library is the College Reading Room, which has upon its files the leading periodicals and newspapers of the day. These are selected, upon recommendation of the various professors, with special reference to supplementing their class-room instruction.

A trained librarian of experience has charge of the library to render it of greatest usefulness to the students.

ATHLETICS.

Recognizing the fact that physical training is as legitimate a part of any system of education as is the mental, Buchtel College has made ample provision for this course in education, in her large and well equipped Gymnasium and Athletic Field. Systematic instruction is given to both young men and women in the Gymnasium each year by trained instructors, and the young men are given systematic training and regular drill in track athletics. Public sports, such as foot ball, base ball, basket ball and lawn tennis are permitted and encouraged so far as is consistent with the student's health and with his progress in the class-room.

ORATORICAL ASSOCIATIONS.

The students of Buchtel College maintain an Oratorical Association, to which all college students are eligible. The object of the society is to secure an increased interest in public speaking, with special reference to the presentation of original productions. The local association is a branch of the State Association, which includes a number of the leading colleges of the State. Each year a local contest is held by the association, the winner of which is sent by the association to the State contest. The successful contestant in the State contest represents the State in the inter-State contest.

LITERARY AND DEBATING CLUB.

A Literary and Debating Club is organized among the students.

Regular meetings are held for the discussion and debating of topics of current interest. Often public debates are held with neighboring societies and colleges.

DRAMATIC CLUB.

A Dramatic Organization is maintained by the students for mutual self-culture, and for the study of literature and the histrionic art. One or more public entertain-

ments are given each year with credit to the club and the College.

All such literary organizations and efforts are approved and encouraged by the College.

CO-EDUCATION.

The College and Academy admit students of both sexes. No sex discrimination is made in requirements and equal educational advantages and honors are offered to each.

SOCIAL ADVANTAGES.

Realizing that education is a development of social courtesies and personal graces as well as the power of mental analysis, the student life at Buchtel College is so conducted as to afford opportunities for such culture. Young ladies and gentlemen, as such, mingle freely on the Campus, in the College halls and class-rooms during recitation hours. Formal and informal social college functions, banquets, exhibitions and contests, receptions and class socials occur at intervals through the year, in which young ladies and gentlemen participate with members of the faculty and their friends.

The young ladies are under the general supervision of the lady members of the faculty and are made to feel free to go to them for counsel and advice.

RELIGION.

No restriction or coercion is imposed upon students in their exercise of religious beliefs. All students are asked to name the denomination of their choice on their registration and are expected to attend the church of that denomination while in College. Nearly all denominations are represented in Akron by flourishing churches. While the College has a denominational foundation and connection and is reverently Christian in its social life and in the principles of its administration and instruction, yet in its internal economy it is in no sense sectarian. All students are required to attend chapel services.

DISCIPLINE.

The regulations for governing student life are few and simple, appealing to the student's self-respect and personal responsibility.

It is the policy of the government to allow in all things as much liberty as will not be abused, and the students are invited and expected to co-operate with the Faculty. Frequenting bar-rooms, billiard-rooms, or saloons, and all riotous and disorderly behavior, are forbidden. The use of tobacco and spirituous liquors about the college buildings and on the grounds is prohibited.

All students registering with the College put themselves under obligations faithfully to observe and obey the laws and regulations of the College and all authoritative acts of the President and Faculty and to use their influence by precept and example to induce others in like circumstances to do the same.

REGISTRATION AND CLASSIFICATION.

All students are required to present themselves to the Classification Committee of the College or Academy for registration and assignment of work, on or before the first day of each half-year. A classification card will be given each student showing the classes he is assigned to. This card must be presented to the Secretary of the College for his signature when arranging for term bills, and to each instructor for his signature immediately upon entering a class.

The card must then be returned to the Classification Committee, fully signed as above indicated, on or before the third day of the term.

DEGREES.

The degree of Bachelor of Arts will be conferred on students who have completed the Classical Course.

The degree of Bachelor of Philosophy will be conferred on those who have completed the Philosophical Course.

The degree of Bachelor of Science will be conferred on those who have completed the Scientific Course.

A thesis showing original research by the student may be presented for graduation.

Master's Degrees.

The degree of A. M. will be conferred upon those who have acquired the degree of A. B. or Ph. B., and the degree of M. S. upon those who have acquired the degree of B. S. These degrees will be granted in not less than two years after graduation, unless the applicant, in residence, can devote the larger part of his time to the work, when the degrees may be granted in one year.

The candidate must accomplish the equivalent of a college year's work in each of any two subjects to be chosen by himself, one of these to be known as Major and the other as Minor.

In the Minor, the work may be partly undergraduate, but the applicant will be expected to carry it beyond the lines of usual college work. In the Major, the work must be confined to graduate subjects and methods, and in this a satisfactory thesis must be presented which will give evidence of original work in the investigation of some new field rather than to consist of a mere restatement of what is already known. The subjects and methods must have received the sanction of the professors in the departments chosen.

An examination will be required in both subjects.

Provided satisfactory arrangements are made, residence will not be required for graduates of this College in preparing for these degrees, although residence is recommended. Persons who have received the Bachelor's degree in any other college whose requirements for that degree are equal to those of Buchtel College may also be granted the Master's degree upon the above conditions, except that the courses must be taken in residence.

A candidate for either of these degrees, at any given commencement must present his thesis and report for examination not later than June 1st.

These degrees will not be granted for professional work

leading to other degrees nor for journalistic work or teaching.

A fee of ten dollars will be charged for the Master's degree.

PRIZE FUNDS.

ALUMNI PRIZES.—A fund has been established by the Alumni of the College, the income of which is annually appropriated according to the following regulations:

1st. That student—being a member of the Senior Class of the Academy—who makes the highest average grade during the year in full Senior work in the Academy, and completes his Senior year without conditions, shall be entitled to free tuition during the succeeding year.

2nd. That student—being a member of the Freshman Class—who attains the highest average grade during the year in the regular Freshman work and completes his Freshman year without any conditions, shall be entitled to free tuition during the succeeding year.

3rd. That student—being a member of the Sophomore Class—who attains the highest average grade during the year in not fewer than thirty-two term hours above the Freshman year, and completes this year without conditions, shall be entitled to free tuition during the succeeding year.

4th. That student—being a member of the Junior Class—who attains the highest average grade during the year in not fewer than thirty-two term hours above the Freshman year, and completes this year without conditions, shall be entitled to free tuition during the succeeding year.

5th. In determining the award of prizes for any year, there shall be considered only grades made in regular class work at Buchtel College during that year in subjects completed before Commencement day.

6th. In case of a tie in any class the prize shall be equally divided.

7th. The prize for any class shall go to the student attaining the second highest average grade only in case the one ranking highest does not return to Buchtel College the next succeeding year.

OLIVER C. ASHTON PRIZES.—A fund consisting of $3,000 has been established by the late Oliver C. Ashton endowing the O. C. Ashton Prizes for excellence in reading and recitation.

The annual income of this fund will be paid, one-third to competitors from the Senior Class, one-third to competitors from the Junior Class, and one-third to competitors from the Sophomore Class, in a first and second prize to each class, in the proportion of two to one.

These are public exercises, and will take place at stated times during the year.

PENDLETON LAW PRIZES.—For the purpose of encouraging the study of Law and Civil Government, a fund of $1,000 has been established by Joy H. Pendleton, late of Akron, the annual income of which is used as prizes for essays in the Law Class. Two-thirds of such income is annually to be paid for the best essay, and one-third for the second best essay, on some subject of Law or Government announced by the Instructor in Law.

SCHOLARSHIPS.

On page 12 of this catalogue will be found a list of the endowed scholarships of the College. The donors of these scholarships may, at all times, designate one student who shall be entitled to free tuition in either the College or the Academy. So much of the income of these scholarships as is not thus used by the donors each year is at the disposal of the College for the purpose of aiding worthy and deserving students. In the distribution of these scholarship benefits by the College, in case the donor is deceased, preference will be given to the immediate descendants of the donor. This assistance will be granted

to students only upon the recommendation of a Committee of the Faculty after careful inquiry as to the needs of each applicant. In making this inquiry the Committee will consider not only the pecuniary needs of the applicant but his general character as well, and where a renewal of aid is requested, the Committee will also take into account the student's previous record in scholarship and general deportment.

Students thus receiving aid from the College may be called upon to render services to the College for any part, or all, of such aid. They will be expected to maintain their standing in scholarship, and to conduct themselves as exemplary students. A scholarship is granted with the expectation that the student will complete his course of study at Buchtel College, and, without a reason that shall be satisfactory to the President, honorable dismissal will not be granted until full tuition and all other college dues have been paid.

Applications for scholarship aid may be addressed to the President.

HIGH SCHOOLS.—The College offers annually one scholarship to each of several high schools, to be awarded to the student standing highest during the last year of his High School course. Each scholarship entitles the holder to two years' free tuition in the College, subject to the following conditions:

1st. If he fail, without good reasons, to attain a grade of 70 per cent. in any of the studies pursued by him in any term, he shall pay the tuition for that term, unless by the middle of the succeeding term he shall have made up the deficiency.

2nd. Whenever, in the course of any term, his deportment shall not, in the judgment of the Faculty, be such as becomes a student, he shall pay the tuition for that term, and until such tuition is paid, it is understood that he shall not be entitled to further privileges in the College, nor to an honorable dismissal.

3rd. In case he shall leave Buchtel College, to attend any other College or School for the same work, without reasons which shall be satisfactory to the President of Buchtel College, he shall pay tuition for the entire period during which he shall have had the use of the scholarship, and failing to do so, it is understood that he shall not be entitled to an honorable dismissal.

TOWNSHIP. — Two standing scholarships in the Academy are offered to pupils in each Township of Summit County who complete the common school course in the country schools. These scholarships are awarded to the two pupils in each township passing the best examination before the County Board of School Examiners, under the provisions of the Patterson Law.

Students winning the High School or Township Scholarship must begin their course of study not later than one year from the opening of the following school year.

EXPENSES.

Term Bills—All term bills are due and payable on the first day of each half-year for the entire half-year. These bills must be paid, or arrangements for their payment made satisfactory to the Secretary of the College **before** entering any classes.

COLLEGE.

Full Tuition—Each half-year	$25.00
Five to eight hours, inclusive, per week	16.00
Four hours or less, per week	8.00
Incidental and Library Fee for all students each half-year	3.75
Laboratory Fees:	
Chemistry, I and II, each	$ 5.00
Chemistry, III and IV, each	8.00
Physics, I, II and III, each	2.50
Natural Science—Biology, I and II, each	2.50
Botany, I and II, each	2.50
Zoology, I and II, each	2.50
Geology, I	2.50
Physiology, I and II, each	3.50
Embryology	2.50
Degrees conferred in course:	
Bachelor's Degree	$ 5.00
Master's Degree	10.00

The fee for a degree is payable on or before the Monday before Commencement Day.

No tuition or other fees will be refunded except for absence on account of protracted sickness, and in such cases no reduction will be made in term bills if the student maintains his class standing.

To students working in the chemical laboratory any unused balance of their deposits will be returned at the end of the year.

YOUNG WOMEN.

The entire necessary living expense in Curtis Cottage is $4.50 a week; bills rendered and payable at the end of each month.

All women students living and boarding away from home must live in the Cottage unless excused by the faculty.

The faculty reserves the right to assign two students to a room.

Cottage occupants supply their own bed linen, towels, toilet soap and table napkins; and also window draperies and rugs, if desired.

To a limited number of women students opportunities are given for self help in the Cottage.

YOUNG MEN.

The College does not at present provide dormitories for young men, but the faculty gives special care to the placing of young men in good families, with pleasant and comfortable home-surroundings and conveniences, and takes a kindly supervisory interest in their student life.

Rooms furnished, heated and lighted can be secured within walking distance of the College for $1.00 a week and upwards with two in a room; with one in a room, for $1.50 and upwards.

Good table board can be secured at $3.50 a week.

Abundant opportunities for self help in the city are offered young men to help defray the expenses of room and board, so that the living expense of young men run from $1.00 a week upwards.

ACADEMY.

Full Tuition—Each half-year	$15.00
Two Studies—Each half-year	10.00
One Study—Each half-year	5.00
Incidental and Library Fee for all students each half-year	3.75
Physical Laboratory Fee—Each half-year	1.50
Chemical Laboratory Fee—Each half-year	3.00

All of the foregoing fees are payable at the Secretary's Office in Buchtel Hall.

No tuition or other fees will be refunded except for absence on account of protracted sickness, and in such cases no reduction will be made in term bills if the student maintains his class standing.

For more detailed information in regard to College entrance, courses and expenses, address **A. B. Church,** Pres., or **C. R. Olin,** Sec'y.

For more detailed information regarding Buchtel Academy, see pages 85-94, and address the **Principal,** or Pres. A. B. Church.

MUSIC AND ART.

For details of expenses see pages 97 and 98.

BUCHTEL COLLEGE

BUCHTEL HALL.

FACULTY, INSTRUCTORS AND OFFICERS
1907-1908

COLLEGE.

A. B. Church, D. D., LL. D.,
PRESIDENT
Messenger-Professor of Mental and Moral Philosophy

Charles M. Knight, A. M., Sc. D.,
Buchtel-Professor of Chemistry

Joseph C. Rockwell., A. M.,
Professor of Greek and Latin

Charles Brookover, M. S.,
Professor of Natural Science
On leave of absence during 1907-08.

Oscar E. Olin, A. M.,
Professor of Economics and History, and Instructor in Mental and Moral Philosophy
SECRETARY OF THE FACULTY

Parke R. Kolbe, A. M.,
Hilton-Professor of Modern Languages

Albert I. Spanton, A. M.,
Pierce-Professor of English and Literature

Paul Biefeld, B. S., E. E., Ph. D.,
Ainsworth-Professor of Mathematics, Astronomy and Physics

Charles R. Olin, B. S.,
Instructor in Mechanical Drawing and Freshman Mathematics

Louise Forsyth
Instructor in Oratory and Physical Culture for Young Women

Francis L. Whitney, A. B.,
Acting-Professor of Natural Science

Katharine Merrill, A. M.,
Professor of Rhetoric and Spoken English

Sarah DeMaupassant Plaisance, A. M.,
Instructor in French

Hezzleton Simmons,
Assistant in Chemistry

Charles Bulger,
Assistant in German

Irene L. Tomlinson
Assistant in Biology

Hallie Tillson,
Librarian

COLLEGIATE COURSES.

The college year is divided into two terms of nineteen weeks each, not including the Christmas and Easter recesses. It is expected that students be present on the opening day of the term, and they are not allowed to prolong their recesses beyond the specified day.

THREE COURSES OF STUDY.

The College offers three regular courses of study, requiring the same amount of preparatory work, 15 units, and each requiring 128 term hours for graduation, or the equivalent of four years of study in the College. In keeping with the trend of higher education extensive opportunities for elective work are offered. These courses are:

1. The Classical Course, the usual course of that name, requiring extensive work in the Ancient Languages, and offering electives in Modern Languages, Mathematics, Latin, Greek, Literature, Philosophy and Science. This course leads to the degree of Bachelor of Arts.

2. The Philosophical Course, requiring the same work in Latin as the Classical Course or accepting an equal substitute of French, substituting the study of German for Greek, and offering the same range of electives as the Classical Course. This course leads to the degree of Bachelor of Philosophy.

3. The Scientific Course, in which the language training is mostly confined to Latin, German or French and the English language. More preparatory work in the sciences is required for admission. This course is entirely on a footing with the other courses, offering wide training in Mathematics and the Sciences, while with the liberal use of electives, the student is enabled to cover much of the ground of the other courses. This course leads to the degree of Bachelor of Science.

ADMISSION AND RECORD.

Testimonials of good moral character must be presented by all applicants.

Students coming from other institutions of learning must furnish certificates of honorable dismissal.

Each candidate for college admission must have had at least a full high school preparation, or college preparatory course, amounting to 15 units and embracing the specific subjects named for college entrance.

Admission is by examination or on certificate.

In place of entrance examinations the following certificate plans will be accepted:

I. The certificates of principals of approved high schools and academies will admit students to the freshman class on probation, and such statement must be a certification of the specific subjects in which the candidate has passed satisfactory examinations covering the requirements as stated for college entrance. Such certificate must be filed with the Committee on Classification by the candidate on application for entrance. Blank forms for the record of such work will be furnished on application to the President or Secretary of the Faculty.

II. The pass-cards, certificates and academic diploma of the State Board of Regents of New York State for the subjects which they cover will be accepted for college entrance on probation. Such credentials will not, however, be accepted for advanced standing.

No student will be admitted to the Freshman class who has an entrance deficiency of more than one unit, or the equivalent of a year's work.

Students admitted on probation, after reasonable trial will be advanced to full class standing on satisfactory evidence of ability and determination to maintain their class work.

Students having completed a course in Buchtel Academy will be admitted to the corresponding course of the College without further examination.

Arrangements can be made by the students for private instruction for the removal of conditions.

ADVANCED STANDING.

Applicants desiring to enter an advanced class, who do not present satisfactory grades from other colleges, will be examined in the studies of the lower classes or their equivalents, in the particular course to be pursued.

SPECIAL STUDENTS.

All students are advised to pursue a regular course of study, even if it cannot be completed.

But persons of proper age and character may be admitted as special students, not candidates for a degree, on the regular entrance requirements or if in the judgment of the Faculty, they are capable of sustaining themselves in class, and may elect such studies as they are qualified to pursue. They must file with the Committee on Classification certificates of their previous work.

Thus an opportunity is offered to a considerable number of young people who do not wish to spend time for a full course, but who desire some college work. Those preparing to teach, those fitting for business, or those who intend to give time to music or art, are especially thus accommodated. Such students will also find themselves proportionately advanced, should they later decide to take a regular course.

On the completion of their studies, such students will be granted a certificate stating the work completed.

REGULATIONS.

The following rules are to be observed by all students:

1. Required for a degree, 128 term hours; one term hour meaning one recitation or two hours of laboratory work per week for one semester.

2. The required Freshman Gymnasium Drill shall count as one term hour.

3. The graduating theses, if presented, shall be taken in the subject chosen as the student's major and shall count for two term hours, if carried satisfactorily beyond the regular class-room work.

4. Sixteen hours a half-year are counted full work for a student.

5. To prevent an aimless dissipation of time and energy each student is required to choose, at the beginning of the Sophomore year, his **major** group of studies with its required minors. The professor of the department in which the major is given will be the personal advisor of the student choosing that **major** in planning the remainder of his course.

6. No student is allowed to take more than 18 hours, nor less than 14 hours a week, a half-year, without consent of the Faculty.

7. Students are required to hand to the Secretary of the Faculty, at least two weeks before the opening of any half-year, a list of their elective studies for that half-year.

8. No student is allowed to drop a study after the opening of a half-year without the consent of the Committee on Classification.

9. No student will be allowed to postpone a required study, or take a study in place of those prescribed, without permission of the Faculty.

10. No student will be allowed to change his election of studies for any half-year without permission of the Committee on Classification.

Students are advised to take fundamental studies early in the course, i. e., in the Sophomore year, such studies as are required in preparation for further work; also to follow lines of work rather than isolated studies.

11. During the course of study, unannounced examinations are held at the discretion of the professors, and announced examinations are required in case of absence or failure.

12. The thesis for graduation if presented shall be handed to the professor in charge on or before the beginning of the Senior vacation.

13. A record of each student's standing is kept, which may be examined by committees, trustees, parents, and friends of the College.

14. Reports of the grades of all students are sent to parents or guardians at the close of each term.

Rules Governing Class Absences.

15. The following rules will apply to all formerly enrolled students on the first day of class work of any semester:

16. Except in laboratory exercises, two unexcused absences from each class per semester will be allowed.

17. Three unexcused absences in any subject per semester shall subject the student to special final examination in that subject. Four unexcused absences in any subject per semester shall exclude the student from that class.

18. Excuses shall be granted by the President only, or by that Faculty officer designated by him during absence from the city. The student must present a writtten excuse from the President to the instructor in charge on the day of his re-appearance in class, otherwise the absence shall stand as unexcused.

19. A student missing work by reason of absence of any kind may be required to take up the omitted work at a time and in such manner as the instructor shall determine.

Chapel Absences.

20. Absences from chapel any week in order to be excused must be explained to the President by Tuesday of the succeeding week or they will stand as unexcused absences. Six unexcused absences from chapel will subject the student to suspension from College by the President, and readmission can be gained only by a vote of the Faculty after being petitioned by the student suspended.

Senior Conditions.

21. Students having conditions in subjects taken must remove these by the close of the first month of the last term of the senior year or they will not be considered candidates for graduation.

TERMS OF ADMISSION.

Unconditional requirements, (all courses): 15 units.

A unit being a full year's work in a subject with recitation periods of one hour held four times a week, or 45 minutes held five times a week.

CLASSICAL COURSE.

The candidate must present:

English (page 38)	3 units
Mathematics (page 39)	3 units
Latin (page 40)	4 units
General History (page 43)	1 unit
Elective (from the subjects on pages 40 to 43)	4 units

PHILOSOPHICAL COURSE.

The candidate must present:

English (page 38)	3 units
Mathematics (page 39)	3 units
Foreign Languages (page 40)	4 units
History, General (page 43)	1 unit
Elective (from the subjects on pages 40 to 43)	4 units

SCIENTIFIC COURSE.

The candidate must present:

English (page 38)	3 units
Mathematics (page 39)	3 units

Foreign Languages (pages 40 to 42) .....4 units
Sciences (page 42) [one unit must be Chemistry or Physics] 2 units
Elective (from the subjects on pages 40 to 43) .....3 units

In the Philosophical and Scientific courses two units at least must be of one language. Not less than a full unit **in the beginning** of any language will be accepted toward this requirement.

For statement of prerequisite entrance requirements for the several major elective courses see page 46.

ELECTIVE SUBJECTS.

The elective work for admission to any of the three courses may be made from the following subjects, details of which will be found on the pages referred to:—

Astronomy (page 40) .....½ unit
Botany (page 43) .....½ unit
Chemistry (page 42) .....1 unit
Civics (page 43) .....½ unit
History, General (page 43) .....1 unit
History, English (page 43) .....½ unit
History, Advanced U. S. (page 43) .....½ unit
Physics (page 42) .....1 unit
Physical Geography (page 43) .....½ unit
Physiology (page 43) .....½ unit
Zoology (page 42) .....1 or ½ unit

DEFINITION OF UNITS.

Following is a detailed statement of the requirements in each of the various subjects that may be offered for admission to college:

ENGLISH, 3 Units.

The College Entrance Requirements in English, practically uniform throughout the United States, are as follows:

For 1906, 1907, 1908.

Required for Careful Study:—Burke's "Speech on Conciliation with America," Macaulay's "Essay on Addison," Macaulay's "Essay on Johnson," Milton's "Minor Poems," Shakespeare's "Julius Caesar."

Required for General Reading:—Addison's "The Sir Roger de Coverly Papers," Coleridge's "the Ancient Mariner," Eliot's "Silas Marner," Irving's "Life of Goldsmith," Lowell's "Vision of Sir Launfal," Scott's "Ivanhoe," Scott's "Lady of the Lake," Shakespeare's "Macbeth," Shakespeare's "Merchant of Venice," Tennyson's "Gareth and Lynette," "Lancelot and Elaine," and "The Passing of Arthur."

Equivalent readings may be accepted at the option of the instructor.

Students should bring a written statement from the principal or superintendent of the school attended, stating definitely the books read and the amount of time given to the work. They should also bring note-books or any other evidences of the work done.

Three years, with five recitations a week, should be given to the preparation in English, the work in Rhetoric and Composition being done simultaneously with the reading and study of the required English and American Classics.

Students whose work proves defective in grammar, punctuation, or sentence-structure will not be allowed to remain in the class in Freshman Rhetoric, but will be assigned work in the Academy until the deficiency is made up.

MATHEMATICS AND ASTRONOMY.

Arithmetic, Algebra, Plane and Solid Geometry are required for entrance into all courses. Astronomy may be offered as one of the electives in any course, but it is required in none.

Arithmetic.

A thorough practical acquaintance with Arithmetic is a prerequisite for all work in Mathematics. Accuracy and rapidity in using the four fundamental operations, addition, subtraction, multiplication, and division, upon decimal and common fractions as well as upon whole numbers is required. It is desirable that the student may have studied a book that makes some use of algebraic symbols.

Algebra, 1½ Units.

The work in Algebra should include the following subjects: Fundamental operations, factors, multiples, fractions, simple equations, methods of elimination, problems, interpretation of solutions, involution, evolution, surds, exponents, complex numbers, quadratic equations, theory of quadratic equations, simultaneous quadratics, binominal theorem for positive integral exponents, ratio, proportion, variation, series and logarithms.

It is suggested that the time spent in preparing to meet this requirement be five 55-minute periods per week for a year and a half. It is further suggested that the work of the last half-year

be done late in the preparatory school course in order that there may be close and ready articulation with the required mathematics of the freshman year in college. It is especially desirable that the student come to his college work with habits of neatness and accuracy well formed, and that he have some sense of mastery over so much of mathematics as he may have studied.

Geometry, 1½ Units.

Plane and Solid Geometry. The set propositions required are those found in the older text books. Among the topics required may be mentioned: Plane rectilinear figures; the circle and the measure of angles; similar polygons; areas; regular polygons; the measure of the circle; the relation of lines and planes in space; the properties and measure of prisms, pyramids, cylinders, and cones; the sphere, and the spherical triangle.

From the demonstration of many original propositions and the solution of many original problems the student should have gained a fair degree of confidence in his own ability to build up a geometrical proof. Accuracy of statement and elegance of form are to be emphasized.

It is suggested that the time spent in preparing in Geometry be one and one-half school years and that the work of the last half-year come in the third or fourth year of the preparatory course.

Astronomy, ½ Unit.

A thorough knowledge of the fundamental facts and principles of Astronomy is required. Familiarity with so much of the science as is contained in Young's Elements of Astronomy will suffice.

FOREIGN LANGUAGES.

Latin. 1, 2, 3, or 4 Units.

Four units of at least four recitations a week are required for entrance to the Classical Course. One, two, three or four units may be offered for entrance in the Scientific or Philosophical courses, subject to the requirement that at least two units must be offered in some one foreign language.

First Year. (One Unit.) Collar and Daniell's First Latin Book or Bennett's Latin Lessons with twenty-five pages of Viri Romae or an equivalent.

Second Year. (One Unit.) Caesar's De Bello Gallico, Books I.-IV., or an equivalent, with thirty lessons in Prose Composition.

Third Year. (One Unit.) Cicero's Orations, four against Catiline, Poet Archias, the Manilian Law, Verres and Roscius. For the last two an equivalent may be offered. Thirty lessons in Latin Prose Composition based upon Cicero.

Fourth Year. (One Unit.) Vergil's Aeneid, Books I.-VI.

Grammar, including Prosody. (New Allen and Greenough, Bennett or Harkness.)

Greek. 1 or 2 Units.

Beginners' Lessons in Greek. Xenophon's Anabasis.

German. 1, 2, 3, or 4 Units.

One, two, three or four years of German may be offered for admission to the Scientific or Philosophical courses. Candidates must present from former teachers a full statement of work covered, texts used and time spent. No student will be allowed to enter a higher course than German IV. without examination or personal conference with the instructor in charge of the German Department.

The following work should be offered for one, two, three or four years' credit, respectively:

One Year. Joynes-Meissner's Grammar (Part I.) Fair equivalents in standard beginners' books will be accepted as substitutes. One hundred and fifty pages of simple German, in which should be embraced some of the best known songs and ballads and at least one longer story, such as Immensee, Germelshausen or Hoeher als die Kirche. The candidate should be able to pronounce German correctly, to understand and form simple sentences and to write German script.

Two Years. In addition to the requirements for the first year the candidate should by review have accurately familiarized himself with the principles of grammar and should be able to translate with readiness easy connected English prose into German.

He should be able to write German from dictation and should have read at least one of the easier classics besides two hundred pages of easy prose.

Three Years. In addition to the requirements for the first two years the candidate should have read at least two more classic dramas, and at least one hundred pages of more difficult prose, such as Die Harzreise or selections from Dichtung und Wahrheit, and should be able to discuss these freely in the German language. He should show the results of an additional year's drill in translating more difficult English prose into German either by writing or orally, and should have had instruction in the literary history of Germany in the later Classic and Modern Period.

Four Years. The work of this year should be a continuation on the groundwork of the first three years and should include at least eight hundred pages of reading, although a less number may be presented if such heavy works as Faust have been attempted. In addition the candidate should have a thorough knowledge of the

history of German literature from the earliest periods, and should know something of Germany and modern German life. It is advised that some subjects of general practical interest as German schools, stores, meals and amusements be treated.

French. 1 or 2 Units.

One or two years of French may be offered for admission to the Scientific or Philosophical courses. Candidates must present from former teachers a full statement of work covered, texts used and time spent.

The following work should be offered for one or two years' credit, respectively:

One Year. A thorough knowledge of the leading principles of French grammar as set forth, for instance, in Edgren (short course). An accurate acquaintance with the more common irregular verbs. The ability to translate easy English prose into French and to read easy French at sight. The ability to pronounce French and the careful reading of two hundred pages of less difficult French.

Two Years. In addition to the above the candidate should know accurately all irregular verbs in common use and should be able to read a page of French with accurate pronunciation. He should have read at least four hundred pages of various authors which should include two or three classic dramas. He should have had some practice in writing from dictation and should be able to translate ordinary English prose into French.

SCIENCES.

Physics. I Unit.

Recitations at least four times per week for a school year, together with a note-book, containing the description and results of at least fifty experiments, neatly recorded.

Chemistry. 1 Unit.

Recitation three times per week for a school year, together with laboratory practice for two hours per week and a note-book containing an account of all experiments made by the student's own hands, with sketches of the apparatus used.

Zoology. ½ or 1 Unit.

To count for one unit, the course should extend throughout a year of 36 weeks, four times per week, reciting at least 45 minutes. One-fourth should be laboratory work in dissections and drawings. Drawings and notes should be presented to show the nature of the work done. Davenport or any good elementary text.

Botany. ½ or 1 Unit.

If offered for one unit it should consist of thirty-six weeks of work, four times per week, at least one-fourth of which should be of the nature of field or experimental work and dissections. Andrew's or Bergen's Botany. Note-book required.

Physiology. ½ Unit.

Only work done above the grades will count for entrance. It should consist of eighteen weeks' work, four times per week, of at least 45-minute periods each. Not less than about twenty hours of laboratory work, of dissections, drawings, and experiments should be offered. Martin's Human Body (briefer course) revised by Fitz is recommended as a good text.

Physical Geography or Physiography. ½ Unit.

Four times per week for one half-year. A good text book, such as Davis' Physical Geography, should be supplemented by field excursions and laboratory, to cover about one-fourth of the time. Note-book required.

NOTE—In all science subjects two periods of laboratory or experimental work should count as the equivalent of one recitation.

HISTORY AND CIVICS.

Advanced U. S. History. ½ Unit.

One half-year's work with any approved High School text book.

General History. 1 Unit.

The equivalent of one year's work in Ancient and Modern History, using any approved High School or Academy text.

English History. ½ Unit.

One half-year's work in High School or Academy, using any standard text.

Civics. ½ Unit.

One half-year's work in Civil Government. Only High School or Academy work accepted.

REQUIRED AND ELECTIVE COURSES

REQUIRED STUDIES.

1907-1908.

The following table shows the work of the Freshman year, for the various courses. All of the work is required:

CLASSICAL COURSE.

First Half-Year	Term Hrs.	Second Half-Year	Term Hrs.
Greek I.	4	Greek II.	4
Latin I.	3	Latin II.	3
*Mathematics I.	4	*Mathematics II.	3
or American History	3	or English VI.	3
Biology I. or Chemistry I.	3	Biology II. or Chemistry II.	3
Rhetoric I.	2	Rhetoric II.	2
Gymnasium	1	Gymnasium	1

PHILOSOPHICAL COURSE.

First Half-Year	Term Hrs.	Second Half-Year	Term Hrs.
German I.	4	German II.	4
Latin I. or French I.	3	Latin II. or French II.	3
*Mathematics I.	4	*Mathematics II.	3
or American History	3	or English VI.	3
Biology I. or Chemistry I.	3	Biology II. or Chemistry II.	3
Rhetoric I.	2	Rhetoric II.	2
Gymnasium	1	Gymnasium	1

SCIENTIFIC COURSE.

First Half-Year	Term Hrs.	Second Half-Year	Term Hrs.
Rhetoric I.	2	Rhetoric II.	2
German I.	4	German II.	4
Mathematics I.	4	Mathematics II.	3
Biology I. or Chemistry I.	3	Biology II. or Chemistry II.	3
Mechanical Drawing	4	Descriptive Geometry	4
or French	3	or French	3
Gymnasium	1	Gymnasium	1

*Students in the Classical and Philosophical Courses must take at least three term hours of Mathematics during their Freshman year.

MAJORS AND MINORS.

A careful study of the following will show the list of majors, with the required minor for each, which may be elected, and the prerequisite entrance requirements, (which must be included in the student's preparation for college), necessary to enter each major. All major and minor work must be outside of the student's Freshman requirements.

Leading to the A. B. Degree.

Major.	Required Minor.	Term Hrs.	Prerequisite Entrance Requirement.
I. Greek. (See page 62)	Science	6	Latin ....4 units
	English	9	General History ..1 unit
	Philosophy or Logic and Economics	..6	
II. Greek and Latin. (See pages 62 and 65)	(Same as Major I.)		(Same as Major I.)

Leading to the Ph. B. Degree.

III. Latin. (See page 65)	(Same as Major I.)		Latin ....4 units
IV. German and French. (See pages 59 and 60)	(Same as Major I.)		
V. Philosophy and Economics. (See pages 73 and 52)	Science	6	General History ..1 unit
	English	9	
	Foreign Language	...6	
VI. English. (See page 55)	Science	6	
	English History	...6	
	Philosophy or Logic and Economics	..6	
VII. English and Oratory. (See page 55)	(Same as Major VI.)		

Leading to the B. S. Degree.

VIII. Chemistry and Physics. (See pages 50 and 78)	English	9	
	Natural Science	...6	
	Philosophy or Logic and Economics	..6	
IX. Natural Science (See page 75)	English	9	
	Chem. or Physics	..6	
	Philosophy or Logic and Economics	..6	
X. Geology and Chemistry. (See page 75)	English	9	
	Physics	6	
	Philosophy or Logic and Economics	..6	
XI. Mathematics. (See page 72)	English	9	Physics ....1 unit
	Science	6	
	Modern Language, or Philosophy or Logic and Economics	..6	
XII. Mathematics and Physics. (See page 72)	(Same as Major XI.)		Physics ....1 unit

SCHEDULE OF CLASSES. First Half, 1908-9.

7:45-8:40.

Mo.	Tu.	We.	Th.	Fr.	Sa.
Latin I. Psychology I. Bible Lit. (XI.) Zoology I. German III. b. French I. a. Dif. Eq.	Latin V. American History Chaucer (V.) Fr. Rhet. a. (I.) Hist. Zoology German IX. French III. Calculus	Latin I. Psychology I. Bible Lit. (XI.) Zoology I. German III. b. French I. a. Dif. Eq.	Latin V. American History Chaucer (V.) Fr. Rhet. a. (I.) Hist. Zoology German IX. French III. Calculus	Latin I. Psychology I. Bible Lit. (XI.) Zoology I. German III. b. French I. a. Dif. Eq.	Latin V. American History French III. Calculus
		8:40-9:35.			
Public Speak. I. Economics I. Greek III. Geology German VII. 19th Cent. Poetry (IX.) Algebra	Fr. Rhet. b. (I.) Economics III. Greek Sculpture Botany I. German XI. Shakespeare (VII.)	Public Speak. I. Economics I. Greek III. Geology German VII. 19th Cent. Poetry (IX.) Algebra	Fr. Rhet. b. (I.) Economics III. Greek Sculpture Botany I. German XI. Shakespeare (VII.)	Public Speak. I. Economics I. Greek III. Geology German VII. 19th Cent. Poetry (IX.) Algebra	Shakespeare (VII.) Algebra (2 Groups)
		9:35-10:30			
Phys. III. (Sci.) History I. Soph. Lit. (I.) German I. French I. b. Greek I.	Phys. I. (Class.) Logic Word St. (III.) German I. French V. Greek I. Public Speak. III.	Phys. III. (Sci.) History I. Soph. Lit. (I.) German I. French I. b. Greek I.	Phys. I. (Class.) Logic Word St. (III.) German I. French V. Greek I. Public Speak. III. Biology I. a.	Phys. III. (Sci.) History I. Soph. Lit. (I.) German XIII. French I. b. Latin IX.	Phys. I. (Class.) Logic French V.
		10:30-11:25			
Chem. I. b. Ethics I. Latin III. Histology German III. a. Junior Rhet. (V.) Anal. Geometry	Chem. V. Latin XI., XIII. Biol. I. a. and b. German V. Soph. Rhet. (III.) Astronomy I.	Chem. I. a. Ethics I. Latin III. Histology German III. a. Anal. Geometry	Latin XI., XIII. Biol. I. a. and b. German V. Soph. Rhet. (III.) Astronomy I.	Chem. I. b. Ethics I. Latin III. German III. a. Anal. Geometry	Astronomy I.
		11:25 CHAPEL.			
		1:00-2:45.			
Chem. I. a. Biology I. a. Mech. Dr. 1.	Chem. V. Biology I. b. Mech. Dr. 1.	Chem. I. b. Zoology I.	Chem. V. Biology I. b. Phys. III. (a) Mech. Dr. 1.	Chem. I. a. Botany I. Phys. III. (b.)	
		2:45-4:30.			
Chem. III. Mech. Dr. I.	Chem. V. Mech. Dr. I.	Chem. III. Zoology I.	Chem. V. Mech. Dr. I.	Chem. III. Botany I.	

SCHEDULE OF CLASSES. Second Half, 1908-9.

7:45-8:40

Mo.	Tu.	We.	Th.	Fr.	Sa.
Latin II.	Latin VI.	Latin II.	Latin VI.	Latin II.	Latin VI.
Psychology II.	History III.	Psychology II.	History III.	Psychology II.	History III.
Am. Lit. (XII.)	Fr. Rhet. a. (II.)	Am. Lit. (XII.)	Fr. Rhet. a. (II.)	Am. Lit. (XII.)	Fr. Lit. (VI.)
Zoology II.	Fr. Lit. (VI.)	Zoology II.	Fr. Lit. (VI.)	Zoology II.	
German IV. b.	German X.	German IV. b.	German X.	German IV. b.	
French II. a.	Embryology	French II. a.	Embryology	French II. a.	
Dif. Eq.	French IV.	Dif. Eq.	French IV.	Dif. Eq.	French IV.
	Calculus		Calculus		Calculus

8:40-9:35

Public Speak. (II.)	Fr. Rhet. b. (II.)	Public Speak. (II.)	Fr. Rhet. b. (II.)		
Economics IV.	Economics II.	Economics IV.	Economics II.	Economics IV.	
Geology	Physiology	Geology	Physiology	Geology	
German VIII.	German XII.	German VIII.	German XII.	German VIII.	
The Essay (X)	Shakesp. (VIII.)	The Essay (X)	Shakesp. (VIII.)	The Essay (X)	
Greek IV.	Greek Sclupture	Greek IV.	Greek Sclupture	Greek IV.	
Trig.	Public Speak. (IV.)	Trig.	Public Speak. (IV.)	Trig. (2 Groups)	

9:35-10:30

Phys. IV. (Sci.)	Phys. II. (Class.)	Phys. IV. (Sci.)	Phys. II. (Class.)	Phys. IV. (Sci.)	Phys. II. (Class.)
History II.		History II.		History II.	
Greek II.	Greek II.	Greek II.	Greek II.		
German II.	German II.	German II.	German II.		
French II. b.	French VI.	French II. b.	French VI.	French II. b.	French VI.
Soph. Lit. (II.)	Hist. Eng. Lang. (IV.)	Soph. Lit. (II.)	Hist. Eng. Lang. (IV.)	Soph. Lit. (II.)	

10:30-11:25

Chem. II. b.	Chem. VI.	Chem. II. a.		Chem. II. b.	
Ethics II.	Economics V.	Ethics II.	Economics V.	Ethics II.	
Latin IV.	Latin XII., XIV.	Latin IV.	Latin XII., XIV.	Latin IV.	
German IV. a.	German VI.	German IV. a.	German VI.	German IV. a.	
Botany II.	Biology II. a. and b.	Botany II.		Biology II. a.	
Jun. Rhet. (VI.)	Soph. Rhet. (IV.)		Soph. Rhet. (IV.)		
Anal. G. | Surv.	Astronomy II.	Anal. G. | Surv.	Astronomy II.	Anal. G. | Surv.	Astronomy II.

11:25, CHAPEL.

1:00-2:45.

Chem. II. a.	Chem. VI.	Chem. II. b.	Chem. VI.	Chem. II. a.	
Biol. II. a.	Biol. II. b.	Zoology II.	Biol. II. b.	Botany II.	
Descr. G. and Dr.	Descr. G. and Dr.	Survey, (Field)	Phys. IV. (a)	Phys. IV. (b.)	
			Descr. G. and Dr.		

2:45-4:30.

Chem. IV.	Chem. VI.	Chem. IV.		Chem. IV.	
		Zoology II.		Botany II.	
Descr. G. and Dr.	Descr. G. and Dr.	Survey, (Field)	Descr. G. and Dr.	Survey, (Field)	

DEPARTMENTS OF INSTRUCTION.

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CHEMISTRY.

PROFESSOR KNIGHT.

HEZZLETON SIMMONS, ASSISTANT.

Students selecting a major in Chemistry should consult the head of the department.

I. (a) **General Chemistry.—(First Half-Year.)** — Four hours per week. Mo., 10:30 and 1:00; We., 10:30; Fr., 1:00 to 2:45. (Three term hours.) Offered to Freshmen who have taken a year of Chemistry in preparatory school.

I. (b) **General Chemistry.—(First Half-Year.)** — Four hours per week. Mo., Fr., 10:30; We., 1:00 to 2:45. (Three term hours.) For Freshmen beginning Chemistry.

II. (a) **General Chemistry.—(Second Half-Year.)** — Four hours per week. Mo., 10:30 or 1:00; We., 10:30; Fr., 1:00 to 2:45. (Three term hours.) Inorganic Preparation. This course is for Freshmen who have taken Course I. a.

II. (b) **General Chemistry.—(Second Half-Year.)** — Four hours per week. Mo., Fr., 10:30; We., 1:00 to 2:45. (Three term hours.) Inorganic Preparation. This course is given for Freshmen who have taken Course I. b.

The elements of inorganic chemistry are taught by recitations, lectures and practical work in the laboratory. Each student is assigned a desk in the laboratory, furnished with apparatus and chemicals, and it is required that most statements shall be confirmed by experiment and illustrated before the class; each student is further required to manufacture one or more salts under each basic element, and to explain fully the process and principles involved and exhibit to the class the results of the work.

An elementary course of blow-pipe analysis is given in connection with the study of the metallic elements and their occurrence in ores and minerals.

III. Qualitative Analysis. — (First Half-Year.) — Six hours per week. Mo., We., Fr., 1:00 to 2:45. (Three term hours.)

IV. Quantitative Analysis; gravimetric and volumetric. —(Second Half-Year.)—Six hours per week, Mo., We., Fr., 2:45 to 4:30. (Three term hours.) Open to students who have taken qualitative analysis. The work will be upon simple salts and minerals.

V. Organic Chemistry.—Recitations and Laboratory practice.—(First Half-Year.)—Four hours per week. Tu., 10:30 and 2:45; Th., 1:00 to 2:45. (Three term hours.) Students make and test the great classes of general organic compounds. Required of all students who select Chemistry as their major subject.

VI. Organic Chemistry. — (Second Half-Year.)—Advanced Course. A continuation of Course V. Topic work along the the line of recent discoveries. Attention will be given to industrial applications. Four hours per week. Tu., 10:30 and 2:45; Th., 1:00 to 2:45. (Three term hours.) Required of all students who select Chemistry as their major subject.

VII. Quantitative Analysis.—(First Half-Year.)—Six hours per week, Mo., We., Fr., 2:45 to 4:30. (Three term hour.) There will be technical analysis, such as the examination of coal; limestone; water; milk and foods, for adulterations. Course IV. is required before this course can be selected.

VIII. Quantitative Analysis.—(Second Half-Year.)—Six hours per week. (Three term hours.) Time of work arranged after class is organized. Work will be along technical lines. Chemistry of clays and glazes.—Chemistry of India rubber, Chemistry of cements, and Agricultural Chemistry may be selected.

Industrial Chemistry is taught by lectures and laboratory practice. Whenever possible, actual products are exhibited to the students and the manufacturing processes reproduced in miniature. The great losses by imperfect methods of manufacture and by waste products are pointed out and the student is taught to see the true economy of production. Illustrative of the topics studied, visits are made to various manufacturing establishments and an opportunity is given to see manufacturing operations in actual working. Akron and the neighboring village of Barberton afford a varied field for the study of chemistry, applied in the industries, as shown in a partial list of prominent manufactories:

The making of pottery and various clay products.
The manufacture of India rubber products, both hard and soft.
The manufacture of paper and straw-board.
The manufacture of artificial ice.
The making of soda ash.
The manufacture of paints and varnishes.

ECONOMICS.

PROFESSOR OLIN.

ECONOMICS.

For requirements in this department, see statement of majors and minors, page 46.

Such students as desire to take all the work in this department are advised to take Courses I. and II. in the Sophomore year.

The courses are so arranged that the first three or the first four may be taken in consecutive terms and should be taken in the order given. Course I. should precede any other; II. should precede III.; while IV. and V. may be taken in association or succession, and may follow I.

The object of the work is to give the student a comprehensive grasp of the leading economic and political theories and their application to present-day problems. Emphasis is placed upon theoretical and historical development as alone affording a sure basis for the more practical part of the work.

Economics I.—Political Economy.—(First Half-Year.)—Mo., We., Fr., 10:30. (Three term hours.) Textbook: Ely's Outlines, supplemented by essays, collateral readings and observations. References to Seligman, Fetter, Seager, Laughlin, Blackmar, Bullock, Fairchild, and others.

This is an introductory course, designed for the study of the leading principles of the science and aiming to acquaint the student with the data of economic inquiry and the nature of economic laws.

Economics II.—Political Science.—(Second Half-Year.)—Tu., Th., 8:40. (Two term hours.) Text-books: Fisher's Evolution of the Constitution, Cooley's Constitutional Law. Reference: Goodnow's Administrative Law.

A study of the outlines of American Constitutional History and the interpretation of the American Constitution by the Federal Courts. The student is familiarized with the main landmarks of our constitutional life and given a clear conception of the meaning of our constitutional government.

Economics III.—A Study of Federal Government.—(First Half-Year.)—Tu., Th., 8:40. (Two term hours.)

This course designs a study of Federal Government, by a comparative study of the organization of the Federal governments of the world. Lecture, library and research work.

Economics IV.—Sociology.—(Second Half-Year.)—Mo., We., Fr., 10:30. (Three term hours.) Text-book: Fairbank's Introduction to Sociology is read, essays, and library work.

An elementary course designed to introduce the student to the principles of human association and to develop the power of observing and analyzing social facts. References: Ely, Vincent and Small, Ross, Blackmar, and others.

Economics V.—Economic Problems.—(Second Half-Year.)—Tu., Th., 10:30. (Two term hours.)

A detailed study of the problems and theories involved in some of the great economic questions now before the American people, such as railroad transportation, taxation, corporations, money, and banking. The work is based upon some authoritative text, and includes library work and the drafting of bills and debating them in class. References: All late Economic books, Journals, and Periodicals.

ENGLISH.

PROFESSOR SPANTON.

PROFESSOR MERRILL (FOR 1908-9.)

RHETORIC AND SPOKEN ENGLISH.

PROFESSOR MERRILL.

Purpose. The purpose of this department is to train the student to express his ideas correctly and effectively by means of both the written and the spoken word. Hence spoken English is given a large place in the instruction in Rhetoric, the ability to speak one's thoughts with clearness, force, and ease, being regarded of no less value and importance than the ability to write them.

Required work. All the courses offered in Rhetoric and Spoken English are required.

I. **Freshman Rhetoric.—(First Half-Year.)**—Two sections. Tu., Th., 7:45; Tu., Th., 8:40. (Two term hours.) Required of all Freshmen. A thorough review of the principles of style. Text-book. Weekly themes.

II. **Freshman Rhetoric.—(Second Half-Year.)**—Two sections. Tu., Th., 7:45; Tu., Th., 8:40. (Two term hours.) Required of all Freshmen. The forms of prose discourse, especially narration and description. Text-book. Weekly themes.

III. **Exposition.—(First Half-Year.)**—Tu., Th., 10:30. (Two term hours.) Required of all Sophomores. Text-book. Weekly or fortnightly themes.

IV. **Argumentation.—(Second Half-Year.)**—Tu., Th., 10:30. (Two term hours.) Required of all Sophomores. Text-book. Weekly or fortnightly themes.

V. **Orations, Debates, Public Addresses.—(First Half-Year.)**—Mo., 10:30. (One term hour.) Required of all Juniors.

VI. **Continuation of V.**—Required of all Juniors. Mo., 10:30.

LANGUAGE AND LITERATURE.

PROFESSOR SPANTON.

Required work. All students are required to take Course I. or II. unless they can furnish evidence of having pursued a satisfactory course in the history of English literature in the secondary school, in which case they may elect, as a substitute, such advanced work as they are fitted to pursue.

Majors. Students who choose English or English and Oratory as a major should confer about their work with the instructors in these departments at the beginning of the Sophomore year.

Order of work. Courses I. and II. cover in outline the whole field of English Literature, and are prerequisite to the more advanced courses. Hence students who desire to take all or most of the work offered in English must elect these courses in their Sophomore year, and in no case should they be postponed to the Senior year unless a student be sure that he desires no further work in this department.

All students taking their majors in Science or Mathematics are urgently recommended to elect Literature III. and IV.

I. General Introduction to English Literature.—(First Half-Year.)—Mo., We., Fr., 9:35. (Three term hours.) Primarily for Sophomores.

The work includes:

(a) The history of English Literature. Text-book. Students will find any text-book helpful—Brooke, Pancoast, Simonds, Halleck, Johnson, Moody and Lovett. Especially valuable for supplementary reading is Green's Shorter History of the English People.

(b) The reading of masterpieces illustrating literary types and representing the main movements in English Literature. Much reading is required; still more is recommended.

II. General Introduction to English Literature.—(Second Half-Year.)—Mo., We., Fr., 9:35. (Three

term hours.) A continuation of I. Courses I. and II. cover in outline the entire field of English Literature, and they or their equivalent must precede the more advanced courses.

III. Word Study.—(First Half-Year.)—Tu., Th., 9:35. (Two term hours.)

Elective for all students, but designed especially for Sophomores who are specializing in Science or Mathematics. After a few introductory lectures on language, the work centers in the study of words—their origin, development, significance, and habits. Students who have had but little Latin and Greek will find this course very helpful.

IV. The History of the English Language.—(Second Half-Year.)—Tu., Th., 9:35. (Two term hours.) Text-book: Recitations and lectures.

V. Chaucer.—(First Half-Year.)—Tu., Th., 7:45. (Two term hours.) A close study of the best of the Canterbury Tales, and a rapid reading of some other portions of Chaucer's work. Recitations, lectures, oral and written reports. Prerequisites: Literature I. and II.

VI. Masterpieces.—(Second Half-Year.)—Tu., Th., Sat., 7:45. Required of Freshmen who do not elect Trigonometry.

The study of a number of masterpieces in prose and poetry representing various literary types. Only such selections are chosen as have genuine literary worth and are both interesting and helpful to the young student.

VII. Shakespeare.—(First Half-Year.)—Tu., Th., Sat., 8:40. (Three term hours.)

A close study of the language and the structure of a few of the best dramas of Shakespeare. In 1907-8, King Lear and Henry IV. (both parts), were studied, with Richard II., Henry V., and The Merry Wives of Windsor as supplementary reading. Text-books: Rolfe's revised edition of Shakespeare's plays. Prerequisites: English I. and II.

VIII. Shakespeare and the English Drama.—(Second Half-Year.)—Tu., Th., 8:40. (Two term hours.)

A study of the development of the English drama from its beginning to the closing of the theaters in 1642. Lectures on the pre-Shakespearean drama, with assigned readings in Manly's Specimens. Most of Shakespeare's plays are read; also selections from the works of Marlowe, Lyly, Jonson, Middleton, Beaumont and Fletcher, and, if time serve, from other Elizabethan dramatists. Recitations, lectures, oral and written reports. Elective only for students who have taken English VII.

IX. (a) Nineteenth Century Poetry.—(First Half-Year.)—Mo. We., Fr., 8:40. (Three term hours.) Given only in alternate years. Offered in 1908-9.

Studies in Wordsworth, Coleridge, Scott, Byron, Shelley, Keats, Landor, Tennyson, the Brownings, Clough, Arnold, Rossetti, Morris, and Swinburne. Recitations, lectures, oral and written reports. Prerequisites: Literature I. and II. For Seniors.

IX. (b) Nineteenth Century Prose.—(First Half-Year.)—Mo. We., Fr., 8:40. (Three term hours.) Given only in alternate years. Offered in 1909-10.

Studies in Coleridge, Lamb, Landor, DeQuincey, Macaulay, Carlyle, Ruskin, Arnold, Newman, and Pater. Recitations, lectures, oral and written reports. Prerequisites: Literature I. and II. For Seniors.

X. Literary Types.—(Second Half-Year.)—Mo., We., Fr., 8:40. (Three term hours.)

The work of this course varies from year to year, the subject being chosen from the following important literary types: The Essay, The Novel, The Epic, The Lyric. The subject for 1908-9 will be The Essay. Recitations, lectures, oral and written reports. Prerequisites: Literature I. and II. Especially for Seniors.

XI. The English Bible as Literature.—(First Half-Year.)—Mo., We., Fr., 7:45. (Three term hours.)

To the student of literature the Bible has a two-fold interest, entirely apart from its religious value: (1) It is itself noble literature; (2) It has influenced the literature of the English-speaking world more profoundly than has any other book. The object of this course is to help the student to see the beauty and the power of the Bible as literature—its narrative, its oratory, its

exposition, its poetry and song. Recitations, lectures, oral and written reports.

XII. American Literature.—(Second Half-Year.)—Mo., We., Fr., 7:45. (Three term hours.)

A rapid survey of the literature of the Colonial and Revolutionary Periods; then a study of the best work of Irving, Bryant, Poe, Hawthorne, Emerson, Thoreau, Longfellow, Whittier, Lowell, Holmes, Whitman, and Lanier. In the study of the poets, Page's Chief American Poets is used as a text-book. Recitations, lectures, written reports. Prerequisites: English I. and II.

FRENCH.

MISS PLAISANCE.

I. (a) (First Half-Year.)—Mo., We., Fr., 7:45. (Three term hours.)

Edgren's Grammar; written grammar exercises from English into French; Super's Reader.

II. (a) (Second Half-Year.)—Mo., We., Fr., 7:45. (Three term hours.)

Review of grammar; special drill on irregular verbs; prose composition; Musset's Pierre et Camille; La Brete's mon Oncle et mon Curé.

I. (b) (First Half-Year.)—Mo., We., Fr., 9:35. (Three term hours.) A parallel course to I. a, with equivalent work.

II. (b) (Second Half-Year.)—Mo., We., Fr., 9:35. (Three term hours.) A parallel course to II. a, with equivaequivalent work.

III. (First Half-Year.)—Tu., Th., Sat., 7:45. (Three term hours.)

Racine's Phèdre; Merimee's Colomba; prose composition.

IV. (Second Half-Year.)—Tu., Th., Sat., 7:45. (Three term hours.)

Corneille's Le Cid; Sand's La Mare au Diable; selected short stories by modern authors; dictation and prose.

V. (First Half-Year.)—Tu., Th., Sat., 9:35. The work of this course, which will consist of readings of an advanced nature, will be more definitely announced at the beginning of the semester.

VI. (Second Half-Year.)—Tu., Th., Sat., 9:35. The work of Course V. will be carried out in the second semester.

GERMAN.

PROFESSOR KOLBE.

MR. BULGER, ASSISTANT.

It is commonly conceded that to the average American student of the modern languages, German is the most important; consequently a large place is assigned to it. The object of this department is to enable the student to acquire rapidly a practical knowledge of German. Special attention is given to pronunciation and the training of the ear for the sounds of the German language. From the beginning, the German language is used in the class room as the medium of teaching German. This well-tested method has yielded, during the many years of its use, very satisfactory results to all students who put forth proper efforts. Thus, this method consistently pursued during a four years' course not only guarantees to the faithful student an accurate and comprehensive knowledge, furnishing the key to the vast field of German literature, but it recognizes also the practical claims of the German language in a country where millions of German-speaking people live, where business relations and demands, in their various forms, call for an actual and practical use of this language, and where, therefore, this language, above all, should become, as far as possible, a living language in the mouth of the student. In thus combining theory with practical work it is thought that the greatest good will come to the student in the pursuit of the German language through the means indicated.

The following course is suggested as the proper order in which a major in German should be taken by those who enter unprepared in this language. For those who have studied modern languages in secondary schools, a personal conference with the instructor will be found necessary in planning major work.

Any student who so desires may take a major in modern languages by combining German and French so as to take at least 26 term hours after the completion of the required Freshman work. Care should, of course, be taken to plan for all required minor studies as early as possible in the course.

GERMAN MAJOR.

Freshman Year.

German I. and II. (as required) 8 hrs.

Sophomore Year.

German III. and IV. (elective) 6 hrs.
German V. and VI. (elective) 4 hrs.
(Students whose work in the first year has been graded below G are advised to defer course in German V. and VI. until the third year.)

Junior Year.

German VII. and VIII. (elective) 6 hrs.
(German V. and VI., if not taken in second year.)
German XI. and XII. (elective) 4 hrs.

Senior Year.

German IX. and X. (elective) 4 hrs.
German XIII. and XIV. (elective) 2 hrs.

COURSES OF STUDY.

I. (First Half-Year.)—Mo., Tu., We., Th., 9:35. (Four term hours.)

Joynes-Meissner's Grammar, Part I.; written grammar exercises from English into German. Stories and poems from Carruth's German Reader. Simple conversation.

II. (Second Half-Year.)—Mo., Tu., We., Th., 9:35. (Four term hours.)

Review of grammar; rapid oral translation of all English sentences into German; Storm's Immensee, Hillern's Hoeher als die Kirche or Gerstaeker's Germelshausen.

III. (a) (First Half-Year.)—Mo., We., Fr., 10:30. (Three term hours.)

This course is intended for those who have completed courses I. and II., or their equivalent. Students with one year of secondary school German will be admitted on probation. The time will be divided between prose composition and reading of easier prose or poetical works. First text, Burg Neideck.

IV. (a) (Second Half-Year.)—Mo., We., Fr., 10:30. (Three term hours.)

Course IV. carries out in the second semester the work of course III. An easier classic, such as Wilhelm Tell may be attempted.

III. (b) (First Half-Year.)—Mo., We., Fr., 7:45. (Three term hours.) A parallel course to III. a, with equivalent work. First text: Geschichten aus der Tonne.

IV. (b) (Second Half-Year.)—Mo., We., Fr., 7:45. (Three term hours.) A parallel course to IV. a, with equivalent work.

V. (First Half-Year.)—Tu., Th., 10:30. (Two term hours.)

The work of this course is intended primarily for those who have completed courses I. and II. (with a grade no lower than G), or two years of secondary school German. Students coming from secondary schools with one year of German are advised to devote their attention during the first year to courses III. and IV., taking up this work and the following course VI. during the next year. This course, together with VI., III. and IV., are required of all students taking a major in the modern language department, unless excused by special permission of instructor. The work will consist of lectures, dictated in German, on the history of German literature (extending in course VI. to the year 1300), and of a review of Joynes-Meissner's Grammar.

VI. (Second Half-Year.)—Tu., Th., 10:30. (Two term hours.)

The nature of this course is the same as that of course V. For conditions of entrance see course V. For the grammar review of course V. a study of German life and customs will be substituted.

VII. (First Half-Year.)—Mo., We., Fr., 8:40. (Three term hours.)

Entrance to this course presupposes the completion of courses I. to IV., inclusive, and, if possible, of V. and VI., although the latter may be taken profitably in conjunction with VII. and VIII.

The work will consist of readings from Goethe, Schiller, Lessing, or Heine.

First text: Heine's Die Harzreise.

VIII. (Second Half-Year.)—Mo., We., Fr., 8:40. (Three term hours.)

This course follows directly upon course VII., and the same plan of work will be carried out.

IX. (First Half-Year.)—Tu., Th., 7:45. (Two term hours.)

The requirement for entrance is the completion of course VIII., although students of some ability in German may be admitted from a lower course by special arrangement with the instructor. The work will be upon modern prose. First text: Hauptmann's Einsame Meuschen.

X. (Second Half-Year.)—Tu., Th., 7:45. (Two term hours.)

This course follows immediately upon course IX. The subject will be Goethe's Faust.

XI. (First Half-Year.) — Tu., Th., 8:40. (Two term hours.)

A study of German literature from the year 1300 to the present time. Texts: Bernhardt's Deutsche Litteraturgeschichte and Boyesen's Lives of Goethe and Schiller, together with reference work in the library. This course should directly follow the completion of courses V. and VI.

XII. (Second Half-Year.)—Tu., Th., 8:40. (Two term hours.)

Further studies in literature. The Work of course XI. will be carried on and illustrated by the reading of selected texts.

XIII. (First Half-Year.)—Fr., 9:35. (One term hour.)

This course, while fitted for the needs of postgraduate students, is open to undergraduates who have completed course VIII. and to a limited number of others at the discretion of the instructor, and upon personal application.

The work of course XIII. will consist of lectures, research, conferences and note-books and will be carried on in English. The following subjects will be discussed: Theories of the origin of language; a brief survey of the field covered by Comparative Philology, with a few working principles illustrated; an historical study of German grammar.

XIV. (Second Half-Year.)—Fr., 9:35. (One term hour.) See conditions for Course XIII.

A study of Middle High German and early New High German authors. Recitations, conferences and papers.

GREEK.

PROFESSOR ROCKWELL.

The elective courses in Greek are III., IV., V., VI.

Twenty-four hours elected above Freshman year constitute a major in Greek. The History of Greek Sculpture will count towards a major.

Courses I. and II. will count for college credit.

In the advanced courses the great masterpieces of prose and poetry are studied in their proper historical and literary setting, and the effort will be made during the three years' rotation of courses for the student to become more thoroughly acquainted with the lives and works of a small number of selected authors. As far as is admissible, some attention is given in connection with the regular work to Greek Private Life.

I. White's First Greek Book.—(First Half-Year.)—Mo., Tu., We., Th., 9:35. (Four term hours.)

II. Xenophon (Anabasis, 3 books.)—(Second Half-Year.)—Mo., Tu., We., Th., 9:35. (Four term hours.)

III. Homer (Iliad Selections.)—(First Half-Year.)—Mo., We., Fr., 8:40. (Three term hours.)

IV. Homer (Ilaid Continued): (New Testament Greek.) (Second Half-Year.)—Mo., We., Fr., 8:40. (Three term hours.)

V. Plato (Apology and Crito); Euripedes (Medea.)—(First Half-Year.)—Mo., We., Fr., 9:35. (Three term hours.)

VI. Demosthenes (De Corona.)—(Second Half-Year.)—Mo., We., Fr., 9:35. (Three term hours.)

VII. Sophocles (Antigone); Herodotus (Books VI. and VII.)—(First Half-Year.)—Mo., We., Fr., 9:35. (Three term hours.) Not given in 1908-1909.

VIII. Thucydides (Book VI.); Aristophanes (Birds, with special reference to Greek Private Life).—Mo., We., Fr., 9:35. (Three term hours.) Not given in 1908-1909.

HISTORY OF GREEK SCULPTURE.

PROFESSOR ROCKWELL.

I. (First Half-Year.)—Tu., Th., 9:35. (Two term hours.) This course will count toward a major in either Latin or Greek. Not given in 1908-1909.

This has been planned as a general course and will not require work in Greek or Latin. It will consist largely of lectures. There will be a short introduction setting forth the relation of Greek Art to the Art of Egypt, Assyria and Phoenicia, and this will be followed by a discussion of the various periods and schools of Greek Sculpture and the more important artists. The subject will be illustrated by photographs and lantern-slides. Tarbell's History of Greek Art will be made the basis of the course, and some collateral reading in histories of art will be required. The ability to read German, though not absolutely necessary, will be decidedly advantageous.

Note-books of the students will be examined by the instructor from time to time.

II. (Second Half-Year.)—Tu., Th., 9:35. (Two term hours. (Continuation of Course I. Not given in 1908-1909.

III. Research course on selected subjects.—(First Half-Year.)—Tu., Th., 9:35. (Two term hours.) Courses I. and II. required as a prerequisite.

IV. (Second Half-Year.)—Tu., Th., 9:35. (Two term hours.) Continuation of Course III.

HISTORY.

PROFESSOR OLIN.

I. American History.—(First Half-Year.)—Tu., Th., Sat. 7:45. (Three term hours.)

A critical study of the political, social, and industrial aspects of the great Periods, Problems, and Events of United States History, together with an outline history of Mexico, Canada, Central America, South America, and the West Indies. Good course in U. S. History a prerequisite. This course is an elective instead of Mathematics for all Freshmen of the Classical or the Philosophical Course. (See page 45).

II. History of Western Europe.—(Second Half-Year.)—Tu., Th., Sat., 7:45. (Three term hours.) Text-book: James Harvey Robinson's History of Western Europe.

The story of Western civilization from the time of the Romans. The rise of the states of modern Europe. The development of the political, religious, social and industrial systems of the Middle Ages, and their outgrowths of today. The great movements that were common to the nations, with the special history of each state.

III. History of England to the Seventeenth Century.—(First Half-Year.)—Mo., We., Fr., 9:35. (Three term hours.) Text-book: Terry, Green, Gardiner, Montgomery, Andrews, Cheyney, Macaulay, and others in the College library are used for reference.

As the history of England involves the interests of other countries, there must be additional subjects of study; any general history of England is helpful.

Lack of elementary English history and of historical reading is a serious want to the student. Such books as the following are recommended: Bulwer-Lytton's Harold, Kingsley's Hereward and Westward Ho; Shakespeare's English historical plays,—a part of the required work—Tennyson's Harold, Becket and Queen Mary, Scott's historical novels, Macaulay's and Thackeray's historical essays.

IV. History of England to the Twentieth Century.—(Second Half-Year.)—Mo., We., Fr., 9:35. (Three term hours.) A continuation of Course I. Text-book and references as above.

LATIN.

PROFESSOR ROCKWELL.

Four units in Latin are required of all students entering Freshman Latin.

The elective courses for 1908-1909 are III. to VI. and IX. to XII.

Twenty-four hours elected above the Freshman year constitute a major in Latin.

The following arrangement of courses is suggested:

Sophomore year Latin III. and IV. (six hours), and one lecture course; Latin XI. and XII. (Four hours.)

Junior year Latin, V. and VI., (six hours.)

Senior year Latin, VII. and VIII., (six hours.)

The remaining hours may be taken in a lecture course, the History of Greek Sculpture, or Latin Prose Composition.

Students may combine courses in both Latin and Greek to constitute a major.

I. **Cicero (De Senectute); Plautus (Mostellaria.)—(First Half-Year.)**—Mo., We., Fr., 7:45. (Three term hours.) Required of Classical and Philosophical Freshmen.

During the Freshman year a careful study is made of grammatical forms, syntax and idiomatic expressions, and written translations constitute a prominent feature of the work.

II. **Pliny (Selected Letters.)—(Second Half-Year.)**—Mo., We., Fr., 7:45. (Three term hours.) Required of Classical and Philosophical Freshmen.

III. **Livy (Books XXI.-XXII.); Plautus Trinummus Captivi.—(First Half-Year.)**—Mo., We., Fr., 10:30. (Three term hours.) Courses III. and IV. are open to students who have completed I. and II.

IV. **Terence (Andria); Horace (Odes and Epodes.)—(Second Half-Year.)**—Mo., We., Fr., 10:30. (Three term hours.)

V. **Tacitus (Annals XI.-XVI.); Suetonius (Claudius and Nero.)—(First Half-Year.)**—Tu., Th., Sat., 7:45. (Three term hours.) Open to students who have completed III. and IV.

VI. **Juvenal (Selected Satires); Martial (Selected Epigrams.)—(Second Half-Year.)**—Tu., Th., Sat., 7:45. (Three term hours.)

VII. Roman Elegiac Poetry.—(First Half-Year.)—Mo., We., Fr., 10:30. (Three term hours.) Not given in 1908-1909.

VIII. Cicero. Selected Letters.—(Second Half-Year.)—Mo., We., Fr., 10:30. (Three term hours.) Not given in 1908-1909.

IX. Latin Prose Composition.—(First Half-Year.)—Th., 9:35. (One term hour.)

During the first half-year a systematic study will be made of the Latin sentence and paragraph, but in the second half-year there will be the translation into Latin of connected passages of classic English.

X. Latin Prose Composition.—(Second Half-Year.)—Th., 9:35. (One term hour.) Continuation of Course IX.

XI. History of Roman Literature.—(First Half-Year.)—Tu., Th., 10:30. (Two term hours.)

First there will be a short survey of the laws in accordance with which the Latin language developed. Then the different forms and periods of Roman literature will be set forth by lectures. These will be supplemented by class readings from different authors.

XII. History of Roman Literature.—(Second Half-Year.)—Tu., Th., 10:30. (Two term hours.) Continuation of Course XI.

XIII. Roman Private Life and Social Institutions.—(First Half-Year.)—Tu., Th., 10:30. (Two term hours.) Not given in 1908-1909.

A course of lectures supplemented by some collateral reading of original and secondary authorities. Special subjects will be assigned for investigation.

XIV. Roman Private Life and Social Institutions.—(Second Half-Year.)—Tu., Th., 10:30. (Two term hours.) Continuation of Course XIII. Not given in 1908-1909.

LOGIC.

PROFESSOR OLIN.

I. **Logic. (First Half-Year.)**—Tu., Th., Sat., 9:35. (Three term hours.) The text-book, Jevon's Advanced Logic. Any other logic is good for reference, especially Mill and Bain. Required of all candidates for the degree of Ph. B.

Logic is the study on the thought side of concepts, judgments, inferences; on the language side of terms, propositions, arguments; in other words, the study of correct processes of thought. It analyzes induction, traces its steps from observation, comparison, inference, proof, to the generalization of truths; it is the scientific method.

It passes not only from the particular to the general, but from the general to the particular, and points out in each case both the right way and the wrong.

It would be well for students to elect logic early, because inductive and deductive reasoning are fundamental to all other studies.

MATHEMATICS. PURE AND APPLIED.

PROFESSOR BIEFELD.

C. R. OLIN, ASSISTANT.

The courses in this department have been planned to serve two purposes: First, to offer the study as a part of a liberal education, as a mental discipline to train the student in logical thinking and in the use of exact language; Second, as a tool to be used in further college work, in the pursuit of the sciences at this or higher institutions offering graduate work, and to prepare for higher education along engineering lines.

To meet this last condition, the work has been arranged preparatory to the courses in Junior and Senior years of the best technical schools of the country. Two, three and four years can be spent with the utmost profit before entering upon the strictly professional courses of these institutions. The successful engineer of today needs besides his professional training the culture of a general college course. He must be able to handle men and business as well as design and handle machines.

The following courses are given each year:

I. College Algebra.—(First Half-Year.)—In two sections at 8:40. (Four term hours.) Mo., We., Fr., Sat. Required of all students in Science Course. Text: Hawke's Advanced Algebra.

Theory of Quadratics with graphical representations, Binomial Theorems, Progressions, Complex Numbers, Determinants, Partial Fractions, Logarithms, Theory of Equations.

II. Plane and Spherical Trigonometry.—(Second Half-Year.)—In two sections, at 8:40. (Three term hours.) Mo., We., Fr. Required of all students in Science Course. Text: Crockett's Elements of Plane and Spherical Trigonometry.

Goniometry, Trigonometric Equations, Solution of Plane and Spherical Triangles.

Note:—Either I. or II. must be taken by students in Philosophical or Classical Courses to constitute their Freshman Mathematics.

III. Analytic Geometry.—(First Half-Year.) at 10:30 and Six Weeks of Second Half-Year at 10:30.)—Mo., We., Fr. (Four term hours.) Elective for those who have completed Courses I. and II. Text: Smith and Gale, Elements of Analytic Geometry. Offered every year.

Straight line and the General Equation of the First Degree. Polar Coordinates, Transformation of Coordinates. Conic Sections and Equations of the Second Degree. Tangents and Normals, Loci, Parametric Equations. The General Equation of the Second Degree, Euclidean Transformations, Inversion. Poles and Polars. Lines, Planes and Surfaces in Space. Special Surfaces.

IV. Surveying.—(Second Half-Year.)—Mo., We., Fr., 9:35. (Two term hours,) for twelve weeks, following Analytic Geometry. For the most part field work six hours a week. We. and Fr. afternoons. Elective for those who have taken Mathematics I., II. Text: Wentworth's Plane Surveying.

Theory of Instruments. Measurements with Chain and Compass, Tape and Transit. Levelling. Stadia Measurements. Making plots and maps with blueprints from field notes.

V. Differential Calculus.—(First Half-Year.)—Tu., Th., Sat., 9:35. (Three term hours.) Elective for those who have completed Courses I., II., and II., or who take II. parallel with it. Text: Osborne's Differential and Integral Calculus. Offered every year.

Functions, Theory of Limits, Differentiation, Series, Expansion of Functions, Indeterminate Forms, Maxima and Minima of Functions of one or more Variables, Partial Derivatives, Direction of Curves, Curvatures, Tangents and Normals, Evolutes, Involutes, Order of Contact, Envelopes.

VI. Integral Calculus.—(Second Half-Year.)—Tu., Th., Sat., 9:35. (Three term hours.) Elective for those who have completed V. Text: Osborne's Differential and Integral Calculus. Offered every year.

Integration of Standard Forms, Constant of Integration, Integration of Rational Fractions, Integration of Irrational Fractions, Trigonometric Forms, Integration by Parts, Integration by Substitution, Summation and the Definite Integral. Application to Curves and Simple Volumes, Double and Triple Integrals, Application to Surfaces and Volumes of Revolution, Moments of Inertia, Center of Gravity of any Solid, Application to Pressure of Fluids, Force of Attraction, etc.

VII. Advanced Calculus and Differental Equations.—(First Half-Year.)—Mo., We., Fr., 9:35. (Three term hours.) Elective for those who have completed VI. Text: Cohen's Differential Equations and lectures on special topics with mimeograph notes. Offered in 1908-1909.

VIII. Advanced Calculus and Differential Equations, Continued.—(Second Half-Year.)—Mo., We., Fr., 7:45. (Three term hours.) Continuation of Course VII. Offered in 1908-1909.

Subjects treated:

Theory of Complex Variables, Hyperbolic functions and their development, Theory of Definite Integrals, Integration of Infinite Series, Fourier's Series, Theory of Multiple Integrals, Complanation of Surfaces, Differential Equation of First Order and Degree, Application to Analytic Geometry, introducing complex variables. Differential Equation of the First Order and higher Degrees.

Singular Solutions, Total Differential Equations, Linear Differential Equations, Linear Differential Equations with Constant Coefficients, Linear Differential Equations of the Second Order, Systems of Simultaneous Equations, Integration in Series of Equations of higher orders, Hypergeometric Series, Partial Differential Equations of the First and Higher Orders, Applications to Physics.

IX. Analytic Mechanics.—(First Half-Year.)—Mo., We., Fr., 7:45. (Three term hours.) Elective for those who have completed Mathematics I., II., III., V. and VI., or who take III. and VI. parallel with it. Text: L. M. Hoskins Theoretical Mechanics. Offered in 1909-1910.

Fundamental Notions, Numerical Representation of Quantities, Scalars and Vectors, Statics, Motion of a Particle, Motion of a System of Particles, and rigid Bodies, Theory of Energy, Energy of a System of Particles, Conservation of Energy, Rigid Systems, Principle of Virtual Work, Relative Motion.

X. Analytic Mechanics,—continuation of Course IX.—(Second Half-Year.)—Mo., We., Fr., 7:45. (Three term hours.) Offered in 1909-1910.

ASTRONOMY.

I. Descriptive Astronomy.—(First Half-Year.) — Tu., Th., Sat., 10:30. (Three term hours.) Elective for those who have completed Mathematics II., and have taken Physics Clas. I. and II. Text: Young's Manual of Astronomy.

Celestial Sphere, Astronomical Instruments, Elementary Celestial Mechanics, Solar System, Fixed Stars, Double Stars, Nebulae, Constellation Study one evening a week, Demonstration at Equatorial, Meridian Circle and other Instruments of the Observatory.

II. Practical Astronomy.—(Second Half-Year.)—Tu., Th., Sat., 10:30, or six hours' practical work in Observatory. (Three term hours.) Elective for those who have completed Mathematics I., II., III., Astr. I. and Phys. Sci. I. and II. Text: Campbell's Practical Astronomy.

Preliminary work with accessory instruments as: Micrometer, Level, Reading Microscope, etc. Theory of Astronomical Instru-

ments, observations with Engineer's Transit, Sextant and Meridian Circle. Determination of Time, Latitude, Longitude, Right Ascension and Declination of Stars by Differential Method.

MAJORS IN PURE AND APPLIED MATHEMATICS, ASTRONOMY AND PHYSICS.

Pure and Applied Mathematics.

Analytic Geometry and Surveying, six term hours.
Analytic Mechanics, six term hours.
Differential and Integral Calculus, six term hours.
Advanced Calculus and Differential Equations, six term hours.

Total, twenty-four term hours.

Mathematics and Physics.

Analytic Geometry, four term hours.
Analytic Mechanics, six term hours.
Differential and Integral Calculus, six term hours.
Advanced Calculus and Differential Equations, six term hours.
Mathematical Physics, two or four term hours.
(Sound and heat, two hours), (or Light and Electricity and Magnetism, two hours.)

Total, twenty-four or twenty-six term hours.

MECHANICAL DRAWING AND DESCRIPTIVE GEOMETRY.

PROFESSOR BIEFELD.
C. R. OLIN, INSTRUCTOR.

Each year the demand has been stronger that it be made possible for a student to obtain such work in his Literary Course, as to shorten his course in a Technical School by two years. Buchtel College intends to continue distinctly as a College of Liberal Arts and Letters, but it has seemed wise to yield to the demand to a certain extent. One year's work in Mechanical Drawing and Descriptive Geometry, and a half-year's work in Physics have been added. This work will be such as will be accepted at full value by any Technical School.

A student looking forward to a Technical course after finishing the Literary course should make it known to the Classification Committee and the professors in charge, that a proper selection and election of work to this end may be made.

I. Elementary Mechanical Drawing.—(First Half-Year.) —Mo., Tu., Th., 1-4. (Four term hours.) Three hours' drafting or recitation each day. Texts: Anthony, Elements of Mechanical Drawing. Sherman, Lettering.

Drawing Outfit includes Set of Drafting Instruments, drawing board, T-square, triangles, curve ruler, triangular scale, etc., and costs about $10 for a satisfactory outfit. Good work cannot be expected with an inferior set of tools.

The work includes—use of drawing instruments, elementary geometrical drawing, lettering, orthographic projections, conventional representations used in surveying, drawing of plats and maps, tracing, blue-printing, etc.

Courses I. and II. are elective in place of French for Scientific Freshmen.

II. Descriptive Geometry.—(Second Half-Year.)—Mo., Tu., Th., 1-4. (Four term hours.) Three hours drafting or recitation each day. Text: Church, Descriptive Geometry; Bartlett's Problems in Descriptive Geometry. Prerequisites: Solid Geometry and Drawing Course I.

The work includes—representation of points, lines, planes, and intersections in orthographic projection; curved lines, tangents, development and intersection of surfaces, and simple pattern making.

MENTAL AND MORAL PHILOSOPHY.

PRESIDENT CHURCH.
PROFESSOR OLIN, INSTRUCTOR.

For requirements in this department see statement of Majors and Minors page 46.

Psychology I.—(First Half-Year.)—Mo., We., Fr., 7:45. (Three term hours.) Text-book: James' Psychology.

Psychology is an elective for one year in either a major or a minor group. A text book affords the basis of study, and is sup-

plemented by oral instruction which follows the lines of modern investigation. From time to time such topics as Habit, Memory, Imagination, Illusion, Hallucination, and Alternating Personality are assigned, and the student is referred to authorities in the library and expected to write papers which are read and discussed in the class, the purpose being to familiarize the student with the library method of study and investigation, and to stimulate him to think for himself. Original problems in observation are worked out by the students, reports discussed in class and note-books kept.

Psychology II.—(Second Half-Year.)—Mo., We., Fr., 7:45. (Three term hours.) Continuation of Course I.

Ethics I.—(First Half-Year.)—Mo., We., Fr., 8:40. (Three term hours.) Text-book: Mackenzie.

Moral Philosophy is an elective for two half-years. The subject embraces theoretical and practical ethics and is studied with reference to the origin and development of ethical ideas as viewed in the light of modern philosophy. Text books are used as guides, but the aim is to encourage individual research and original thought; to that end, topics are assigned at intervals during the course, and students are referred to a library of wide and well chosen reference books. Papers are written and discussed on the doctrine and influence of such men as Socrates, Plato, Kant, Berkeley, and others, and on the systems of thought advanced by the Stoics, Epicureans, Cynics, and Ascetics. The theoretical bearing of the contemporaneous problems of Education, Charities, Penology, Temperance, and Sociology is introduced and the fullest discussion invited.

Ethics II.—(Second Half-Year.)—Mo., We., Fr., 8:40. (Three term hours.) Continuation of Course I. with Natural Theology. Text-books: Mackenzie and Valentine.

During the last thirteen weeks of the second half-year, the course in Ethics is supplemented by a course in Natural Theology. The object of this course is to lead the student carefully to observe the phenomena of Nature, to trace their causes to their creative source, and to read from them the power, wisdom and beneficence of God. A text book is used as an outline, while the student is given problems for original investigation and application, and topics for library research.

NATURAL SCIENCE.

PROFESSOR BROOKOVER.

PROFESSOR WHITNEY, ACTING, 1907-8.

A major in Biological subjects shall consist in Biology I. and II. in the Freshman year, Zoology I. and II. in the Sophomore year, preferably with the History of Zoology and Embryology. In the Junior and Senior years Physiology and Histology should be taken by those going to medical school, while those who take it as a general culture course or for the profession of teaching should take the Botany and Geology.

A major in Geology and Chemistry shall consist of Biology I. and II., preferably Zoology I. and II., for the proper understanding of the second half-year of Geology. In the Junior year all of the Geology offered should be taken. Also twelve term hours should be offered in Chemistry above the first year course in College Chemistry.

I. **Biology I.—(First Half-Year.)**—(Three term hours.) One recitation Tuesdays at 10:30. Four periods of laboratory work. Division I. Mondays, 1 to 2:40 and Fridays 9:35 to 11:25. Division II. Tuesdays and Thursdays, 1 to 2:40. For Freshmen and Sophomores. Text-book: Animal Forms, Jordan and Heath.

The laboratory work is a training in exact observation. Some representative types of the animal and vegetable kingdom will be carefully dissected and drawn. Types that are common in our own surroundings are taken as of most importance and interest. The relations of these types to man, and their interrelations to each other are brought out to as full an extent as time will permit by recitations, lectures and reports. The cell is studied as the unit of Biology and the use and care of the Compound Microscope taught.

II. **Biology II.—(Second Half-Year.)**—(Three term hours.) Recitations and laboratory at the same hours as in the first half-year.

This is a continuation of the biological studies commenced in Biology I. The Botanical side of the work commences with microscopic forms of Algae and Fungi. Emphasis is placed on their method of living and reproduction. Bacteria are studied in the laboratory, and sanitary conditions and infection by germs are discussed in the lectures. The relationship of plants to animals is discussed. The relation that animals bear to the life of man and to other animals is pointed out. These things should be of general interest to all. The work ends with a comparison of spores and seeds, and a study of the tissues and reproductive processes in the higher plants.

III. Zoology I.—Invertebrate Zoology.—(First Half-Year.)—Mo., We., Fr., 7:45. Laboratory, We., 1:00 to 4:00. (Four term hours.)

This is a course in Systematic Zoology. Freshman Biology prerequisite. A large number of types are examined, dissected, and drawn. Their relationships are brought out by lectures and a suitable text. The lectures are illustrated by charts and lantern-slides. The laboratory work is supplemented by a study of the College's collection of microscopic slides. Students are encouraged to make slides for themselves. The College furnishes the necessary reagents and Minot Automatic Rotary Microtome.

IV. Zoology II.—Vertebrate Anatomy.—(Second Half-Year.)—Mo., We., Fr., 7:45. Laboratory, We., 1:00 to 4:00. (Four term hours.)

This continues the work of Zoology I, by dealing with the Chordates. As in the preceding course, one-half of the time is devoted to the examination of slides, to dissections and drawings. The embryology of at least one type from the five great classes of Vertebrates, will be studied from laboratory preparations.

***V. History of Zoology.—(First Half-Year.)**—Tu., Th., 7:45. (Two term hours.)

This course can be taken only by those who have had Zoology I. and II., or by those who are taking Zoology. It will be a course dealing with the evolution of the Evolutionary idea ending with present day Zoological problems. Given only when three or more students elect it.

VI. Embryology.—(Second Half-Year.)—(Two or three term hours, according to the amount of laboratory work.) One recitation at 7:45 on Tu., or Th. Only for students who have had Zoology or are taking it at the time.

A study of maturation, fertilization and development,—mainly the development of Vertebrates. Two or four hours of laboratory work in microscopical preparation and drawing.

***VII. Botany I.—Histology and Physiology.—(First Half-Year.)**—Recitations Mo., We., 10:30. Four periods laboratory. (Four term hours.)

In this course the cell and tissue structure are studied, and experiments in Plant Physiology conducted. The student is encouraged to prepare and stain permanent microscopic preparations for himself. One-half of the time is devoted to recitations and lectures.

***VIII. Botany II.—Systematic Botany.—(Second Half-Year.)**—Recitations Mo., We., 10:30. Four periods of laboratory. (Four term hours.)

Half of the time is devoted to the laboratory study of types of Thallophytes, Bryophytes, Pteridophytes, and Spermaphytes. Their relationships are brought out by lectures and recitations. This course should precede Geology II.

IX. Geology I. Structural and Dynamical and Mineralogy.—(First Half-Year.)—(Three, four or five term hours, according to whether laboratory work in blowpipe analysis is taken.) Recitations, Mo., We., Fr., 8:40. Text-book: LeConte's Elements.

Laboratory work to be arranged. Cannot be taken before the Junior year, and one year of College Chemistry and at least an elementary course in Physics are prerequisites. Field work to cover the important points of interest near Akron is a part of the course.

X. Geology II. Historical Geology.—(Second Half-Year.)—Recitations Mo., We., Fr., 8:40. (Three term hours.) Four term hours may be offered by those who take a major in Geology and Chemistry by doing laboratory work in Paleontology. Text-book: LeConte. Open only to those who have completed Geology I. and have had a course in Systematic Zoology. It is much better to have had a course in Systematic Botany as well.

In this course the work of the preceding course is continued by a study of the development of the American continent, and of the life forms that dominated in the past. Reference to the U. S. Geological Survey reports and to many papers and monographs is encouraged.

*XI. **Physiology I.—(First Half-Year.)**—Recitations, Tu., Th., 8:40. Laboratory, 1:00 to 4:00, Friday (Four term hours.) Biology I. and II. are prerequisite, and one year of College Chemistry in addition to Elementary Physics. It is preferable to have had Zoology I. and II. It is intended for Juniors and Seniors.

It deals with the physiology of muscles, of respiration and circulation and digestion. Kymographs and other necessary apparatus for laboratory work are furnished.

*XII. **Physiology II.—(Second Half-Year.)**—Recitations Tu., Th., 8:40. Laboratory, Friday p. m., 1:00 to 4:00. (Four term hours.) Same prerequisites as for Physiology I.

The course continues the work of the first half-year by an experimental and text-book course in the anatomy and physiology of the nervous system and sense organs.

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*The courses in Physiology are given only in alternate years. It will not be given in 1908-9. Botany I. and II. will be offered in the years when Physiology is not given.

COURSES IN PHYSICS.

PROFESSOR BIEFELD.

Two courses are offered: One for classical students (Phys. Class.) extending over three half-years, three recitations a week, making 9 term hours, subjects being treated more from the descriptive and historical than mathematical side; the other for students in science course and those preparing for technical schools (Phys. Sci.) extending over 4 half-years, three recitations and two laboratory hours a week, making 16 term hours. Text: Watson. Prerequisites for both courses are: A year of elementary physics, a year of chemistry and courses I. and II. in Mathematics for Phys. Sci., and either Mathematics I. or II. for Phys. Class.

Every two years a two or four-hour course is offered in mathe-

matical or higher experimental physics, elective for those who have completed the science course in physics, or at least those branches in which higher work is to be taken, and course III., V., VI., in Mathematics, besides this Mathematics VII. and VIII. are strongly recommended.

PHYSICS FOR CLASSICAL STUDENTS. (PHYS. CLASS.)

I. Mechanics of Solids, Liquids and Gases; Wave Motion and Sound.—(First Half-Year.)—Three times a week, Tu., Th., Sat., 9:35.

II. Heat, Light and Photography.—(Second Half-Year.)—Three times a week, Tu., Th., Sat., 9:35.

III. Magnetism and Electricity.—(First Half-Year.)—Three times a week. (Not given in 1908-1909.)

I. and II. of this course required of students before taking up descriptive Astronomy (Astr. I.)

PHYSICS FOR SCIENCE STUDENTS. (PHYS. SCI.)

I. Mechanics, Wave Motion.—(First Half-Year.)—Three recitations and two laboratory hours. (Not given in 1908-1909.)

II. Light and Photography.—(Second Half-Year.)—Three recitations and two laboratory hours. (Not given in 1908-1909.)

III. Sound, Heat and Magnetism.—(First Half-Year.)—Three recitations, Mo., We., Fr., 9:35, and two laboratory hours.

IV. Electricity and its Applications.—(Second Half-Year.)—Three recitations, Mo., We., Fr., 9:35, and two laboratory hours.

I. and II. of this course are required of students before taking up practical Astronomy (Astr. II.)

Mathematical and Higher Experimental Physics.—(Not given in 1908-1909.) Offered for students taking their major in mathematics and physics. Definite courses will be determined upon when demand for same arises.

Subjects: Heat, Light, Electricity and Magnetism. Theory of alternating currents and alternating current machinery. Higher experimental physics in Light, Heat, Electricity and Magnetism.

PUBLIC SPEAKING.

MISS FORSYTH.

PROFESSOR MERRILL FOR 1908-1909.

I. **Elementary Course.—(First Half-Year.)**—Mo., We., Fr., 8:40. (Three term hours.) Breath Control. Tone Placing, Tone Building, Enunciation, Emphasis, Inflection, Phrasing, Analysis, Gesture, Vocal and Physical Expression, Recitation, Declamation.

II. **(Second Half-Year.)**—Mo., We., Fr., 8:40. (Three term hours.) Declamation, Oration, Development of Imagination and Sympathetic Insight into Literature.

III. **Advanced Course.—(First Half-Year.)**—Tu., Th., 8:40. (Two term hours.) Original Oration and Debate.

IV. **(Second Half-Year.)**—Tu., Th., 8:40. (Two term hours.) Extempore Address. Literary, Dramatic and Artistic Interpretation. Character Study. Browning's Poems, Shakespeare's Plays.

A two years' course is offered in the department of Public Speaking. Progressive educators realize that the Spoken Word is an essential part of education. It is a recognized psychological fact that no one knows that which he is unable to present clearly to the consciousness of another. A blurred, indistinct utterance is a poor introduction into the business, social and educational world, while a cultivated, distinct utterance wins respect and attention. The men and women, who can speak well have an advantage over those who cannot, even though the latter may possess superior ability in other lines. Educated men and women especially should be able to speak in a clear and forceful manner, free from mannerisms and localisms. Instruction will be furnished those students who enter the Oratorical and Prize Speaking contests.

DEPARTMENT OF PHYSICAL TRAINING.

MR. SHIPMAN.

The regular gymnasium drill for young men will begin about the middle of November and will close the last of March. This work is required of all first year students of the College and all Academy students except Seniors, and may be elected by others.

The drill consists of light calisthenics, dumb-bell sets and club-swinging by the entire class, and the work is directed to develop good form and to give complete control of the muscles of the body by light exercises. It aims to secure lightness, agility and grace rather than strength. Those students who are far enough advanced will be formed into special classes for work on the bars, fancy club-swinging and track-work.

The gymnasium has been equipped with a very heavy running mat and a vaulting block, so that sprinting, hurdling and vaulting can be practiced during the winter. Near the close of March, a Men's Gymnastic Exhibition will be held and many of the events will be preparatory for the Track Meet in the spring. The Exhibition counts as the examination in this course. Work on any of the other teams does not excuse attendance from the regular drill.

The gymnasium will be open for visitors only on Visiting Days and on other occasions only by special permission of the President or the Instructor in this department.

A limited number of resident students may be admitted to the drill by application to the Committee of the Faculty on Athletics and the payment of the incidental fee of $3.75 for the entire period of four months.

Lectures will be given upon the physiology of exercise, diet, etc. An examination upon them will be given at the end of the year.

The Athletic Association is honored by the gift of the Medal presented by Mr. Frank Talbot Fisher, of New York, and also by his very generous donation of prizes for the Track Meet. They consist of two cups of the value of $50 each and a Medal and are given under the following conditions:

The Individual Cup is to be awarded to the Athlete making the greatest number of points in the Track Meet, and must be won by him three years in succession in order to become his permanent property.

The Class Cup is the permanent property of the Athletic Association and is to be competed for by classes each year. An honorary position upon the cup is awarded the name of the class scoring the greatest number of points in each annual Track Meet.

The Medal is to be given to the Athlete scoring the greatest number of points, and at once becomes his personal possession. One such Medal is to be offered for each annual Track Meet.

The Individual Cup and the Medal are open to all academic students of the College and Academy who are bona fide students (not counting courses in music and art). The Class Cup is open to the four College classes.

The annual Track Meet to compete for these prizes will be held early in June of each year.

PHYSICAL TRAINING FOR YOUNG WOMEN.

MISS FORSYTH.

The gymnasium drill for young women will begin about the middle of November and close about the first of April. This work is required of all first year College students and all Academy students except the Seniors, and may be elected by others. The purpose of this work with the young women is practically the same as that with the young men, and will be conducted under regulations and with apparatus suitable to secure this end. The Gilbert system of Physical Training forms a prominent and pleasing part of the work.

BUCHTEL ACADEMY.

BUCHTEL ACADEMY

TEACHERS AND OFFICERS OF BUCHTEL ACADEMY

For the Year 1907-1908.

AUGUSTUS B. CHURCH, A. M., D. D., LL. D.,
PRESIDENT

CHARLES O. RUNDELL, B. S.,
Principal, and Teacher of German

CHARLES M. KNIGHT, A. M., Sc. D.,
Directory of Chemistry

OSCAR E. OLIN, A. M.,
Teacher of English

M. ALICE RINES, A. M.,
Assistant Principal and Teacher of Latin and French

CHARLES H. SHIPMAN, A. B.,
Teacher of Physical Science, Mathematics, and Director of Athletics

CHARLOTTA H. OLIN, Ph. B.,
Teacher of English and History

LOUISE FORSYTH,
Teacher of Oratory and Physical Culture for Young Women

HARRIET M. WISE,
Teacher of Latin, English and History

CHARLES BULGER,
Teacher of English and History

MISS SARAH DEMAUPASSANT PLAISANCE,
1908-9
Teacher of French

MAY F. SANFORD,
Teacher of Drawing

GENERAL INFORMATION.

Recognizing that students coming from all parts of Ohio and the adjoining states, to enter college, have not the same preparation, and that many of them are deficient in or lack some branch of study essential to College admission, the Trustees established an Academy in which all deficiencies can be made up. The School also furnishes to such as live in towns not supplied with a high-grade High School an opportunity to acquire at moderate cost a thorough preparation for College classes. There are three courses of study of four years each, preparing for the corresponding College courses.

This Academy is under the same general administration as the College, and is under the immediate supervision of the Principal. All students are received as coming for the purpose of doing the best they can for themselves. All diligence will be used to advance them in their work, but as they do their studying in their own rooms, teachers cannot assume responsibility for those who, through want of application, fail to prepare their lessons. Self-government is the central idea.

Students in High Schools and Academies, who intend to take a College Course, are recommended to spend the last preparatory year in this School, on account of the better adjustment of the studies to the regular College work, and for the sake of mental discipline in accord with college methods of study.

Students will be examined and assigned to classes for which they are qualified. Those presenting a certificate of promotion from a good grammar school or a common school certificate under the Patterson law will be admitted without examination, subject to the condition that they sustain themselves in their work, but the right is always reserved to examine in English Grammar.

Those desiring to enter advanced work will be examined in the studies of the lower classes.

During the course of study, written reviews and unannounced examinations or tests are held at the discretion of the teachers, and final examinations made out by the Principal, are held in all subjects.

Original literary exercises are required of all students after the Preparatory year in connection with the reading of the books named on pages 90 and 91.

All the teaching will be done by regular instructors, some of them members of the College Faculty, and no pains will be spared to make this a school of thorough training in preparatory work.

A certificate of graduation will be given to all who complete the course without conditions.

The School occupies a building by itself—a modern school building, thoroughly equipped, with class rooms, offices, art rooms, laboratory, and hall.

All students have the use of the College library.

Strong students are allowed to take more than the regular amount of work so that during the fourth year they may take part College work.

Students preparing for colleges whose entrance requirements are not the same as those of Buchtel College, may select such subjects as will prepare them for the college chosen.

Special Students—While we believe that our courses of study are so planned as to meet most requirements, there are nevertheless, cases where it is wise to depart from the regular course. Students not in good health may take as many subjects as they are able to carry. Students whose parents so desire, may select any subject which they are prepared to carry successfully.

REGULATIONS.

Regular class attendance, courteous deportment, and earnest endeavor are demanded of all.

Monthly reports of the progress of students will be sent to parents or guardians.

Parents will be requested to withdraw a student who, after full trial, fails to maintain himself in his studies.

No student will be allowed to take up or drop a study without the consent of the Principal.

The use of tobacco and alcoholic liquors in and about the buildings or on the campus is prohibited. It is useless to expect any pupil who indulges in either to make satisfactory progress in class work.

Parents are requested to co-operate with the Faculty in keeping pupils from these vicious indulgences.

All property destroyed, defaced or injured by students maliciously or carelessly must be paid for by such students.

All forms of hazing are prohibited.

Class "rushes" and class disturbances of every kind are forbidden.

All "initiations" of students are forbidden.

All term bills are due and payable on the first day of each half-year for the entire half-year. These bills must be paid, or arrangements for their payment made satisfactory to the Secretary of the College, before entering any classes.

For statement of expenses see page 29.

LATIN.

First Year.

First Half. Collar and Daniell's First Year Latin.

Second Half. Collar and Daniell's First Year Latin completed and Selections or Viri Romae.

Second Year.

First Half. Caesar's Gallic Wars. Pearson's Latin Prose.

Second Half. Caesar's Gallic Wars, 4 books completed and Prose Composition continued.

Third Year.

First Half.—Cicero's Orations. Sight Work. Prose Composition continued one hour per week.

Second Half. Cicero's Orations, 6 orations completed. Sight work, amounting for the year to two orations or their equivalent. Prose Composition.

Fourth Year.

First Half. Vergil's Aeneid. Prosody. Systematic Review of Grammar with prose composition.

Second Half. Vergil's Aeneid, 6 books completed. Prosody. Review of grammar completed.

GERMAN.

A full three years' course of five hours per week will be given. For students in regular course German may be elected in the third year. Students requiring three years' preparatory work in this subject should elect the same in the second year of the course.

The aim of the first year in German is to enable the student to acquire a good pronunciation, to familiarize himself with grammatical forms and principles, and with so much of a vocabulary as will make it possible for him to read simple German texts correctly and understandingly, and to answer questions upon them in German.

The aim in the second year of German is to review thor-

oughly the forms and principles of German grammar, putting them into constant use in translating English sentences of increasing difficulty into German; to acquire the ability to read easy German at sight and with sufficient ease so that the beauty of the original may be appreciated at first hand; to enable the student to give a brief account of the texts read, and to converse upon them in German.

The third year's work in German will be devoted to grammar review, prose composition, lectures in German, the reading of lighter works in prose and poetry, and the reading of classics.

First Year.

First Term—Bacon's German Grammar and selected stories with exercises based on the reading text.

Second Term—Bacon's German Grammar. Graded readings. Exercises. Grammar review.

Second Year.

First Term—Joynes-Meissner's Grammar, Part I.; Storm's In St. Jürgen, or Immensee; Hillern's Höher als die Kirche; or German texts of similar grade. German Prose Composition.

Second Term—Moser's Der Bibliothekar; Goethe's Hermann and Dorothea; or other texts. Prose Composition continued. Sight translation.

Third Year.

German V.—(a) Three hours per week. Grammar Review; Prose Composition; reading of easier prose or poetical works.

(b) Two hours per week. Lectures, dictated in German on the history of German Literature, and reading of more advanced classics.

German VI.—(a) Three hours per week. Course VI. (a) is a continuation of V. (a). Wilhelm Tell or a classic of similar grade may be read.

(b) Two hours per week. The work of this course is a continuation of the work of V. (b).

FRENCH.

Two years of French are offered in the Academy at present, but more would probably be given, if the number of students electing it was large enough to warrant increasing the course.

First Year.

First Term—Aldrich and Foster's Foundations of French, or other standard text.

Second Term — Aldrich and Foster's Foundations of French completed; Mairet's La Tache du Petit Pierre. Exercises in dictation, in conversation and in oral translation of English sentences from the grammar or based upon the text read.

Second Year.

First Term—Review of grammar; Labiche and Martin's Voyage de Monsieur Perrichon; memorizing of French poems and especial practice in conversation.

Second Term—Sand's Mare au Diable; Sandeau's Mille. de La Seiglière; Lazare's Conte et Nouvelles, or works of similar grade.

ENGLISH.

The work in English includes Grammar, Rhetoric and Composition, History of English Literature, and the reading and study of the English Classics required for college entrance.

The oral and written exercises are based on the readings, so far as possible. The second half of the fourth year is given to theme writing and drill in oratory.

A more detailed statement of the work follows:

English I.—5 hours. Review of Grammar.
Rhetoric and composition, Snow Bound.

English II.—(a) Rhetoric and Composition, 3 hours.
(b) Readings, 2 hours.
The Courtship of Miles Standish, The Lady of the Lake, Ivanhoe.

English III.—(a) Rhetoric and Composition, 2 hours.

(b) Readings, 2 hours.

Silas Marner, The Sir Roger de Coverly Papers, A Tale of Two Cities, The Ancient Mariner.

English IV.—(a) Rhetoric and Composition, 2 hours.

(b) Readings, 2 hours.

The Merchant of Venice, Irving's Sketch Book, Sesame and Lilies, The Deserted Village.

English V.—History of English Literature and Readings, 4 hours.

Julius Caesar, Macbeth, Burke's Conciliation.

English VI.—History of English Literature and Readings, 4 hours.

Macaulay's Essay on Johnson, Milton's Minor Poems, Tennyson's Idyls of the King.

English VII.—1 hour.

Theme-writing and oratory with special reference to the public literary exercises at graduation.

HISTORY AND GOVERNMENT.

This course provides for three or four years' work in history and government, the aim being to bring before the student the rise, development and influence of Greece, Rome, the nations of Medieval Europe, the British Empire and the United States.

History I.—Ancient History.

An introductory course, aiming to interest students in the earlier civilizations, and the history of Greece.

History II.

The rise and development of Rome and its influence in shaping world history.

History III. and IV.

The second year is devoted to the study of Medieval Europe and the great transitional changes of that period of history, and to the study of modern history; or to

History V. and VI.

This course presents the history of the English people, special attention being given to the causes and events in the development of the British constitution.

History VII.

The work of this course embraces a broader study of American history. The rise and development of the American system of representative government is carefully traced.

Civics.

The work in Civil Government is intended to impress upon the student's mind the responsibilities and duties of American citizenship and to familiarize him with the political and governmental institutions peculiar to our own country.

MATHEMATICS.

Algebra I.—Five hours a week. **(First Half-Year.)**

Text: Stone & Millis' Essentials of Algebra.

Fundamental operations, parentheses, simple integral equations, problems, special rules in multiplication and division, factoring, common factors and multiples.

Algebra II—Five hours a week. **(Second Half-Year.)**

Text: Stone & Millis' Essentials of Algebra.

Fractions, fractional equations, literal equations, general problems, simultaneous simple equations, involution and evolution, theory of exponents, surds and simple quadratic equations, physical equations and graphical solutions.

Algebra III.—Five hours a week **(Second Half-Year.)**

Text: Stone & Millis' Essentials of Algebra.

This term of Algebra is given ofter the pupil has taken Geometry, and during the last half of his Senior year in order that it may not be too far removed from the College Freshman Algebra. The term's work will include—Surds, imaginaries, review of quadratic equations, equations in quadratic form, simultaneous quadratics, problems, ratio and proportion, permutations, logarithms, binomial theorem, physical equations and graphical solutions, etc.

Geometry I.—Five hours a week. **(First Half-Year.)**

Text: Robbins' Plane and Solid Geometry, Books I., II., III.

Geometry II.—Five hours a week. **(Second Half-Year.)**

Text: Robbins' Plane and Solid Geometry, Books IV., V.

Geometry III.—Five hours a week. **(First Half-Year.)** Text: Wentworth's Plane and Solid Geometry. Books VI., VII., VIII., IX.

SCIENCE.

Physical Geography.—Required of all students. Text: Salisbury's Physiography for High Schools.

This subject includes the study of the earth as a globe, the atmosphere, the bodies of water, land forms and changes, shore lines, and the distribution of plants and animals. The country about Akron is especially rich in illustrative features. Places of interest are visited and a brief study of local formations is undertaken. A note-book covering about fifty experiments must be kept.

Botany.—Required of all students. Text: Bergen's Elements of Botany.

This course covers a study of seeds, food storage, stem structure and growth, roots, ecology of plants, families, habitat, etc. About thirty plants are analyzed and mounted, and a note-book covering about thirty experiments is kept.

Physics.—Text: Millikan and Gale's First Course in Physics.

The first term covers Mechanics and Heat. A note-book (The National Physics Note-Book) is kept, covering about thirty-five experiments.

The second term covers Light, Electricity, and Sound. About twenty-five experiments are performed and recorded in the note-book. Credit is given for successful pieces of apparatus made by the student and the work is correlated with the daily life of the student to a large extent.

Chemistry.—Text: Hessler and Smith.

A course of one year in Elementary Chemistry is provided for students who are preparing for scientific courses of study. They are given regular practice in the College Laboratories. The course takes up the study of metals, non-metals and the great types in organic chemistry. A student who has completed this course, is better able to understand the chemical side of his other scientific work, such as the action of batteries in electricity, oxidations and reductions in physiology and the food reactions in the plants and animals.

ACADEMY COURSE OF STUDY.

First Year.

	Hrs.		Hrs.
English I.	5	English II.	5
Latin I. or French I.	5	Latin II. or French II.	5
Ancient History	4	Ancient History	4
Physiography	5	Botany	5
Drawing I.	2	Drawing II.	2
Gymnasium	2	Gymnasium	2

Second Year.

	Hrs.		Hrs.
English III.	4	English IV.	4
Latin III. or French III.	5	Latin IV. or French IV.	5
Algebra I.	5	Algebra II.	5
Medieval History	4	Modern History	4
or English History	4	or English History	4
Gymnasium	2	Gymnasium	2

Third Year.

	Hrs.		Hrs.
English V.	4	English VI.	4
Latin V. or German I.	5	Latin VI. or German II.	5
Geometry I.	5	Geometry II.	5
Chemistry I.	4	Chemistry II.	4
Gymnasium	2	Gymnasium	2

Fourth Year.

	Hrs.		Hrs.
Latin VII. or German III.	5	Latin VII. or German III.	5
Geometry III.	5	Algebra III.	5
Physics I.	4	Physics II.	5
U. S. History and Civics.	4	U. S. History and Civics.	4
German V. (a)	3	German VI. (a)	3
German V. (b)	2	German VI. (b)	2
		English VII.	1

MUSIC SCHOOL
AND
ART SCHOOL
OF
BUCHTEL COLLEGE

BUCHTEL SCHOOL OF MUSIC.

ISABEL STUART KENNEDY, DIRECTOR AND INSTRUCTOR IN PIANO, ORGAN AND HARMONY.

The first aim of this school is to gain artistic results. It is conducted on the idea that interpretation and conception of music are the highest attainments of the art. To acquire these artistic results, uniformity of method and strict technical training are held to be of first importance.

Practice pianos will be furnished students at low rates.

A large pipe organ has been placed in the music room for college use and instruction. It is a two-manual organ of a capacity for practice and execution sufficient for the work required on any organ in the city.

It is connected with a motor, and practice hours may be arranged with Miss Kennedy for pupils and organists of the city.

Certificates of attainment will be issued to students who have completed certain prescribed courses of study.

For further particulars as to courses, hours and tuition, address, Isabel S. Kennedy, Director, Buchtel College, Akron, Ohio.

Piano and Organ.

MISS KENNEDY.

The instruction in this department seeks to develop a clear, musical touch, a correct ear, and a recognition of the best in music, as well as a technical skill. Attention is paid to sight-reading where students are deficient in that branch, and in all respects the effort is made, by the careful consideration of individual needs, to arouse in the student a genuine interest in the work. Particular attention is given to methods of practice.

Miss Kennedy's musical instruction was received at the Cincinnati College of Music, where she had the advantage of study under Armine W. Doerner, J. A. Broek-

ART STUDIO.

hoven, Mrs. Lillian Arkell Rexford, Leandro Campanari and the late Otto Singer.

It is her aim to give to her pupils the broad course of study she received from these instructors.

Following these five years of musical study she has continuously striven to perfect her acceptance of their methods and feels prepared to give her pupils a thorough training in the branches mentioned above.

TERMS.

Piano and Organ—per term of 20 lessons, one-half hour each $20.00

Theory—private lessons, per term of 20 lessons 20.00

In classes of six or more, 2 hours a week, per term of 20 lessons 10.00

All bills for music tuition and organ practice are payable monthly at the Office in Buchtel Hall.

SCHOOL OF ART.

MAY FAIRCHILD SANFORD, INSTRUCTOR.

The Buchtel College School of Art offers advantages superior to most colleges and equal to the best art schools in the country, in both its primary and higher branches.

Two principal ideas prevail in the Art School. All practical knowledge of Art is based upon drawing. All drawing is from nature.

The students follow a progressive course, passing from step to step as they show proficiency. Students are not kept back for a class, each one being advanced as fast as his ability or effort will allow. Quality of the work done, not a given number of works or a fixed length of time, determines the advancement.

The course embraces work in charcoal, crayon, pen and ink, pencil, pastel, water color and oil. Pupils work from still life, cast and life.

Students may enter the school at any time by presenting themselves and registering. It is to their advantage, however, to do so as near the beginning of the year as

possible. Pupils may work all day, half a day, or by the hour. A portrait class will be formed, and drawings from the living model will be one of the advantages offered advanced pupils.

Those desiring to prepare themselves for teaching will receive special attention.

A class for children will be held Saturdays from 8:30 to 11:30.

The studios are open all day five days and Saturdays in the forenoon.

Exhibitions of student's work are held during the year, besides special exhibitions of the work of resident and foreign artists.

TUITION.

Each half-year, (20 weeks), all day	$50.00
Each half-year, half day, five times a week	29.00
Each half-year, half day, three times a week	22.00
One month, all day	12.00
One month, half day	8.00
Children's class, twelve weeks	9.00
All other arrangements, per hour	.50

Visitors are always welcome, and the public is invited to all receptions and exhibitions.

All communications should be addressed, May F. Sanford, Buchtel College, Akron, Ohio.

REGISTER OF STUDENTS OF BUCHTEL COLLEGE.

For 1907-1908.

SENIOR CLASS.

	COURSE	
Bulger, Charles Levi	S	Canton
Bunker, Jessie	S	Kent
Goehring, Frank Sturgeon	P	Akron
King, Lucian Loomis	S	Akron
Myers, Carl Metz	S	Akron
Penrod, Walter Wellington	S	Sterling
Reynolds, Don Sidney	P	Leroy
Roach, Elizabeth Meikle	C	Akron
Roach, Ethel Minerva	C	Akron
Schnee, Frederick	C	Akron
Shuman, Cottie Pruella	S	Akron
Simmons, Hezzleton Erastus	S	Leroy
Smith, Hugh M.	S	Sterling
Sumner, Beatrice	S	Akron
Sumner, Mac Albert	S	Akron
Tomlinson, Irene Lucretia	S	Perry, N. Y.
Wilcox, Mabel	P	Cuyahoga Falls

Senior—17

JUNIOR CLASS.

	COURSE	
Bull, Sleeter	S	Sidney
Carpenter, Ford L.	S	Akron
Cole, Hazel Lane	P	Akron
Ewart, Claude E.	S	E. Akron
Fouch, Honor C.	S	Sterling
*Frederick, Irl A.	S	Copley
*Greer, Blanche Clare	P	Akron
Iredell, Robert	S	Akron
*Jackson, Theron S.	S	Cleveland
James, Nellie R.	C	Cuyahoga Falls
Jones, Cyrinthia	S	New Lebanon, Ind.
McNeil, Cecil	S	Akron
Rentschler, Beatrice Dacotah	C	Akron
Richardson, Reed	S	Westville
Simmons, Marie	C	Leroy
Sippy, Burne Olin	S	Akron
*Thomas, Ralph Gordon	P	Akron

Junior—17

SOPHOMORE CLASS.

	COURSE	
*Arbogast, Harry	P	Akron
*Babb, Lois	S	E. Akron
*Beardsley, Edna	S	Akron
*Belden, Russell	S	Akron

* Not in full class standing.

Botzum, Lida	C	Akron
Bowers, J. Homer	S	Akron
Bowers, N. Earl	P	Akron
Cowan, Anna	C	Hudson
*Ebright, Mary Rachel	P	Akron
Ford, Martha Eleanor	S	Milledgeville
Hanan, Joseph Bradford	S	Wadsworth
Harter, Helen	C	Akron
*Hotchkiss, Robert	S	Akron
*Knight, Helen Lillian	S	Akron
*Koplin, Thomas Myron	P	Akron
Means, Marjorie	P	Akron
Olin, Robert Russell	S	Akron
Pfaff, Helen	S	Akron
Pfaff, Herman H.	S	Akron
Proehl, Bessie	P	Akron
Ranney, Luella Frank	C	Akron
Read, Max R.	S	Akron
Read, Verne R.	S	Akron
*Rentschler, Ruby	C	Akron
Risch, Walter H.	S	Akron
*Rohan, Howard	S	Plainville
Sapp, John	S	Kent
Shuman, Mabel	P	Akron
*Simmons, Lucille	P	Leroy
*Swanson, Harriett E.	P	Grand Valley, Pa.
*Theiss, Fred C.	S	Akron
Tomlinson, Agnes Martha	P	Perry, N. Y.
*Wells, Ethel J.	C	Akron

Sophomore—33

FRESHMAN CLASS.

	COURSE	
Buel, Walker S.	S	Akron
Collins, Walter Lansing	P	New Madison
Cruickshank, Maggie	P	Akron
Diers, Carlton L.	P	Akron
Dodge, Harriet D.	P	South Berwick, Me.
Feederle, Donna	P	Akron
Fouch, Glen W.	P	Sterling
Haas, Elma	S	Akron
Hardgrove, Arden Ellwood	P	Akron
Harpham, Grace	P	Akron
Hart, Hazel Bessey	P	Girard, Penn.
Held, Lois	C	Akron
Hilterbrant, Gwendolyn	P	Akron
Jackson, Gertrude Helen	P	Akron
Katz, Etta May	P	Marion
Lyon, Edwin S.	S	Akron
McMillan, Frank O.	S	Akron
McNeal, Margaret E.	P	Akron
Minor, Hazel	P	Akron
Mishler, Carlos M.	P	Akron
Myers, Albert B.	P	Akron

* Not in full class standing.

Olin, Leona Genevieve	P	Kent
Patterson, Arthur Ellsworth	P	Akron
Penrod, Bernice Lucille	P	Sterling
Reese, Thomas Edward	S	Akron
Rockrise, Thomas	S	Japan
Roth, Harry	S	Akron
Roethenhoefer, Bessie	S	Chicago, O.
Schmidt, Eleanor	P	Canton
Schultz, Orlo B.	S	Ravenna
Seymour, W. Ruth	P	Akron
Stumpf, Edward F.	S	Barberton
Stumpf, Elmer R.	S	Barberton
Townsend, Helen Louise	S	Akron
Tremelin, Myrl D.	P	Cuyahoga Falls
Welsh, Edward J.	P	Akron
Wilcox, Ralph	S	Akron
Williams, Arden	S	Akron
Wright, Harry E. G.	S	Rittman
Youtz, Claremont D.	C	Akron

Freshman—40

SPECIALS.

Blessman, Matilda	Akron
Cassidy, Elizabeth	Akron
Gates, Frank E.	Akron
Held, Ruth Edna	Akron
Hotchkiss, Treasure	Burton
Jahant Charles	Akron
Krohngold, Jacob Benjamin	Akron
Kryder, Mabel	Akron
Lowry, Jessie MacDowell	Akron
Regal, Mrs. A. P.	Akron
Sauder, Edith	Akron
Steele, Lester H.	Cuyahoga Falls
Wheeler, Ruth May	Akron
Williams, Charles E.	Akron

Special—14

REGISTER OF STUDENTS OF BUCHTEL ACADEMY.

1907-1908.

FOURTH YEAR.

Bauer, Carl Holsworth.....Mogadore
Breen, Loretto K. .....Akron
Conner, Mary V. .....Akron
Crissinger, Donna Ruth .....Marion
Emmitt, M. Iris .....East Akron
Glasgow, George L. .....Akron
Grafton, Elvah H. .....Barberton
Hallinan, Neal .....Akron
Herriff, Dene .....Kent
Hughes, Robert A. .....Carthage, N. Y.
Otis, Kathrine Louise .....Akron
Pfeiffer, Raymond Arthur .....East Akron
Roetzel, Cletus .....Randolph
Sullivan, Mae Adeline .....Hudson
Treap, Howard Gilbert .....Peninsula

Fourth Year—15

THIRD YEAR.

Church, Benjamin L. .....Oneonta, N. Y.
Church, M. Evelyn .....Akron
Dallinga, Charles .....Sherbondy
*Davis, Frank A. .....Cuyahoga Falls
Dickinson, Hazel .....Peninsula
Elwood, Mitchell .....Peninsula
Hunt, J. Lucile .....Peninsula
Klein, Raymond .....Cuyahoga Falls
Lee, Ruth K. .....Akron
Libis, Ethel M. .....Akron
Marvin, Helen D. .....Akron
Olin, S. Estella .....Akron
Pittman, B. Naomi .....Caledonia
Rinehart, May .....Akron
Selden, A. Marie .....Akron
Tanner, Lucile .....Akron

Third Year—16

*Deceased.

SECOND YEAR.

Arbogast, Hazel .....Akron
Blaser, Alice M. .....Ira
Currie, May .....Akron
Dunn, Edith .....Akron
Frederiksen, Hortense .....Akron
Hall, Lloyd H. .....Akron
Heacock, Edgar E. .....Akron
Howland, Josephine .....Akron
Jacobs, Huldah .....Akron
Jones, W. Hermon .....New Lebanon, Ind.

Konrad, Charles ..... Akron
Lloyd, Elsie W. ..... Ira
McGalliard, Margaret ..... Akron
Miller, Elizabeth ..... Akron
Miller, Ruth ..... Barberton
Roach, Alberta ..... Akron
Seiberling, Willard P. ..... Akron
Seward, Martha E. ..... Akron
Sisler, Cassius ..... Nimisila
Thornton, Russell A. ..... South Akron
Wells, B. Harold ..... Akron
Wise, Daisy ..... Boston
Woodbridge, Dwight ..... Barberton
Wright, Harriet B. ..... Akron

Second Year—24

FIRST YEAR.

Boley, Marcella ..... Akron
Braucher, Harry ..... Akron
Carpenter, Adele ..... Akron
Chamberlain, Lucile ..... Akron
Christy, Helen ..... Akron
Conner, Imogene ..... Akron
Cook, Celia ..... Akron
Costigan, Charles ..... Akron
Currie, Bessie ..... Akron
Dague, Mary ..... Akron
Denmead, Perry ..... Akron
Force, Wilbert ..... Tallmadge
Frisch, Louis J. ..... Akron
Gall, Ruby ..... Akron
Hale, Lawrence ..... Cuyahoga Falls
Hardy, Margery R. ..... Cuyahoga Falls
Hart, Willard L. ..... East Akron
Hartenstein, Hazel ..... Akron
Hays, J. Milo ..... Akron
Hoffman, Ruth ..... Akron
Hopkins, E. Gertrude ..... Akron
Howland, Helena ..... Akron
Huber, Edna ..... Akron
Hull, Florence ..... Akron
Inskeep, Marie M. ..... Akron
Joy, Josephine F. ..... Akron
Kile, Agnes J. ..... Akron
Knofler, Elizabeth L. ..... Akron
Loomis, Harriet ..... Akron
McConnell, Charles ..... Akron
McTammany, Ruth ..... Akron
Prentiss, Sadie ..... East Akron
Rankin, Fred M. ..... Akron
Raymond, George P. ..... Akron
Roberts, Gladys M. ..... Akron
Rowe, Gertrude E. ..... Akron
Scott, Winifred ..... Cuyahoga Falls
Spiker, Hazel ..... Tippecanoe

Sullivan, Kathryn J. ..... Hudson
Taylor, Raymond ..... East Akron
Treap, Grace M. ..... Peninsula
Tyler, M. Edna ..... Akron
Viall, Hannah ..... Akron
Wanamaker, Laurine ..... Akron
Waters, Mary H. ..... Akron
Whitner, Lucile C. ..... Akron
Wild, Harold ..... Cuyahoga Falls
Wise, Myer ..... Akron

First Year—48

SPECIAL STUDENTS.

Alderfer, Walter ..... Sharon Center
Andrews, Helen M. ..... Akron
Black, James ..... Akron
Blessman, Freda ..... Akron
Bradley, Iza M. ..... Akron
Bradley, Marie N. ..... Akron
Converse, Elizabeth M. ..... Mantua
Cruickshank, James A. ..... Akron
Deakin, Ruth ..... Akron
Dobson, Russell T., Jr. ..... Akron
Haight, Nettie ..... Sharon Center
Hill, Emerson K. ..... Kent
Kelley, Leo B. ..... Sidney
McAllister, James H. ..... Akron
McGarry, Arthur ..... Akron
Pardee, Edith ..... Akron
Scobie, Harry R. ..... Peninsula
Thompson, Marjorie M. ..... Akron
Weaver, Harold ..... Akron
Whyte, Anna Willa ..... Akron

Special—20

COLLEGE STUDENTS.

Belden, Russell ..... Akron
Cruickshank, Mary ..... Akron
Dodge, Harriet ..... South Berwick, Me.
Frederick, Irl ..... Copley
Lyon, Ned ..... Akron
McNeal, Margaret ..... Akron
Olin, Leona ..... Kent
Rockrise, Thomas ..... Japan
Stumpf, Edward ..... Barberton
Stumpf, Elmer ..... Barberton
Schultz, Orlo ..... Ravenna

College—11

ART STUDENTS.

Academy Drawing Class.

Braucher, Harry ..... Akron
Cook, Celia ..... Akron

Costigan, Charles ..... Akron
Elwood, Mitchell ..... Peninsula
Force, Wilbert ..... Tallmadge
Hale, Lawrence ..... Cuyahoga Falls
Hardy, Margery ..... Cuyahoga Falls
Hart Willard ..... East Akron
Hill, Emerson ..... Kent
Hoffman, Ruth ..... Akron
Hopkins, Gertrude ..... Akron
Howland, Helena ..... Akron
Hull, Florence ..... Akron
Inskeep, Marie ..... Akron
Joy, Josephine ..... Akron
McConnell, Charles ..... Akron
Roberts, Gladys ..... Akron
Roetzel, Cletus ..... Randolph
Rowe, Gertrude ..... Akron
Scott, Winifred ..... Cuyahoga Falls
Sullivan, Julia ..... Hudson
Taylor, Raymond ..... East Akron
Treap, Grace ..... Peninsula
Treap, Howard ..... Peninsula
Viall, Hannah ..... Akron
Waters, Mary ..... Akron
Wise, Myer ..... Akron

Total—27

PRIVATE STUDENTS IN ART.

Boley, Marcella ..... Akron
Bradley, Iza ..... Akron
Brunskill, Hazel ..... Akron
Caruthers, Ralph ..... Akron
Church, John ..... Akron
Conner, Imogene ..... Akron
Diers, Carlton ..... Akron
Hale, Andrew ..... Akron
Heighton, Helen ..... Kent
Kile, Agnes ..... Akron
Lichtenwalter, May ..... Akron
Marrero, Federicko ..... Island of Cuba
Rinehart, May ..... Akron
Smith, Helen ..... Akron
Welling, Anna ..... Akron
Williamson, Daisy ..... Akron

Total—16

MUSIC STUDENTS.

Cassidy, Elizabeth ..... Akron
Church, Evelyn ..... Akron
Currie, Bessie ..... Akron
Emmett, Moore ..... East Akron
Gall, Ruby ..... Akron
Gilbert, Gladys ..... Ravenna
Hartenstein, Hazel ..... Akron

Hendricks, Paul ..... Akron
Heminger, Vesta ..... Akron
Hull, Florence ..... Akron
Inskeep, Marie ..... Akron
King, Lucian ..... Akron
Knight, Helen ..... Akron
Koch, Ruby ..... Ira
Lee, Ruth ..... Akron
Lyons, Mareta ..... Akron
Loomis, Harriet ..... Akron
Means, Margaret ..... Akron
Otis, Kathrine ..... Akron
Pardee, Edith ..... Akron
Roberts, Gladys ..... Akron
Rowe, Gertrude ..... Akron
Sauder, May ..... Akron
Wildroudt, Ruth ..... Akron
Wanamaker, Laurine ..... Akron
Whyte, Willa ..... Akron

Music—25

SUMMARY.

1907-1908.

COLLEGIATE STUDENTS.

Senior Class	17
Junior Class	17
Sophomore Class	33
Freshman Class	40
Special Students	14
Total Collegiate	—121
Classical Students	14
Philosophical Students	39
Scientific Students	55
Special Students	23
Men	62
Women	59

ACADEMY.

Fourth Year	15
Third Year	16
Second Year	24
First Year	48
Special Students	20
College Students in Academy Classes	11
Total Academy	—134
Men (exclusive of College Students)	46
Women (exclusive of College Students)	77

SCHOOL OF MUSIC.

Men	3
Women	22
Total	— 25

SCHOOL OF ART.

Academy Students in Drawing	27
Private Students	16
Total	— 43
Men	16
Women	27
	323
Number counted more than once	57
Total number in all Departments	266

DEGREES CONFERRED.

CLASS OF 1907 and TITLE OF THESES.

Bachelor of Arts.

BLANCHE JANET MALLISON - - - - - - - Akron
The Restoration of the Homeric House

Bachelor of Philosophy.

ETHEL MAY CARNS - - - - - - - - - Akron
The Tragedies of Shakespeare

RUTH HOTCHKISS - - - - - - - - - Akron
The Spiritual Influence of the Crusades

ELIZABETH KINLEY - - - - - - - - Corry, Pa.
Introductory and Critical Notes on Wildenbruch's die Karolinger

BLANCHE MARIE OLIN - - - - - - - - Akron
The Peace Movement in America

IDA ROCKWELL - - - - - - - - - Akron
Banking

ADAH SMETTS - - - - - - - - - Akron
The Dynastic History of England—with Geneological Charts

HAZEL SMITH - - - - - - - - - Akron
Notes on Wildenbruch's die Karolinger

HALLIE TILLSON - - - - - - - Greenwich, Ohio
The Foreign Word in the German Language; its Entrance and Influence

Bachelor of Science.

URA GARFIELD RICKERT - - - - - - Medina, Ohio
The Trend of the Church

Attainment in Music.

LENORE HEACOCK - - - - - - - - Chicago

HONORARY DEGREES.

Doctor of Laws.

HERMAN ALFRED KELLEY, B. S. '79, A. B. '80, A. M., '83 (Buchtel), Cleveland, Ohio

LEWIS BEALS FISHER, D. D., St. Lawrence 1901, Pres. of Lombard College, Galesburg, Ill.

Doctor of Divinity

REV. JAMES RILEY JOHNSON - - - - Nyack, N. Y.

BUCHTEL COLLEGE ALUMNI ASSOCIATION.

Organized July, 1874. Incorporated October 19, 1899.

OFFICERS FOR 1907-1908.

President, Charles O. Rundell, '98.....Akron
Vice-Presidents, Mrs. Chas. W. Pitcairn, '74...Des Moines, Iowa
Prof. Chas. B. Wright, '80.....Middlebury, Vt.
Dr. A. A. Kohler, '87.....Akron
Mrs. Scott Pierce, '88.....Dayton
Miss Ada M. Stutzman, '94.....Akron
Miss Inez Parshall, '02.....Akron
Clarence C. Carlton, '04.....Mantua
Secretary, Chester F. Conner, '06.....Akron
Treasurer, Miss Helen Hoff, '99.....Akron

ALUMNI BOARD OF TRUSTEES.

Officers.

Charles O. Rundell, '98.....President ex-officio
Chester F. Conner, '06.....Secretary ex-officio
Helen Hoff, '99.....Treasurer ex-officio

Term Expiring June, 1908.

Chas. R. Olin, '85.....Akron
John W. Thomas, '04.....Akron
Robert Crist, '05.....Muskegon, Mich.
A. V. Cannon, '95.....Cleveland

Term Expiring June, 1909.

E. B. Foltz, '96.....Akron
P. R. Kolbe, '01.....Akron
Gladys Parshall, '03.....Akron
Bertha Schoeninger, '02.....Akron

Term Expiring June, 1910.

Mrs. Susie C. Cole, '73.....Akron
Mrs. Jennie Rood, '91.....Akron
Miss Emily Harpham, '96.....Akron
J. Asa Palmer, '89.....Akron

Annual meeting of the Association, June 17, 1908, 3 P. M.

Stated meetings of the Board of Trustees, June 18, 1908; November 19, 1908; February 18, 1909; May 20, 1909.

PRIZES.

THE ALUMNI PRIZES.

Awarded for excellence in scholarship.

1906-1907.

In the Senior Preparatory Class to Murel Roose.
In the Freshman Class to Agnes Tomlinson.
In the Sophomore Class to Bernice Chrisman and Nellie James.
In the Junior Class to Mabel Wilcox.

THE OLIVER C. ASHTON PRIZES.

Awarded for excellence in declamation.

1906-1907.

In the Junior Class:—First prize to Hezzleton Simmons and second prize to Irene Tomlinson.

1907-1908.

In the Sophomore Class:—First prize to Edna Beardsley, and second prize to Howard Rohan.

In the Junior Class:—Contest not held at date of publication.

In the Senior Class:—First prize to Frank S. Goehring, second prize to Jessie Bunker.

DONATIONS.

From April 8, 1907, to April 16, 1908, the College has received the following contributions:

Gifts to the Library

From the following sources:

Name.	No. Vols.
American Bar Association	1
Professor Charles Brookover	15
Buchtelite	1
Carl L. Diers Akron	1
Miss Louise Forsyth, Akron	1
Harvard University	7
Mary E. Haywood Estate, Longmont, Colo	90
Henry Holt & Co., N. Y.	1
Mrs. H. H. Jacobs, Akron	2
Dr. C. M. Knight, Akron	62
Chas. F. Mignin, Stryker, O.	4
New Jersey State Board of Health	1
Ohio Bureau of Labor Statistics	1
Ohio Society of New York	1
Frank S. Pixley, Chicago	5
Religious Education Society	1
Smithsonian Institution	1
U. S. Bureau of Education	3
U. S. Census Bureau	3
U. S. Civil Service Commission	1
U. S. Congressional Library	1
U. S. Department of Agriculture	1
U. S. Department of Commerce and Labor	1
U. S. Government	4
U. S. Inter-state Commerce Commission	1
U. S. Nautical Almanac	1
U. S. National Museum	3
U. S. Superintendent of Immigration	1
Mrs. John Vaughan, Akron	1
Washington University	1
P. E. Werner, Akron	31
Total	248

Special mention should be made of the bequest from the estate of Mary E. Haywood, late of Longmont, Colo., consisting of a set of Harper's Monthly Magazine, complete from its beginning in 1850 to Vol. 91 (1895), excepting only Vol. 18 that is missing from the set.

CARNEGIE FUND FOR SCIENCE HALL.

Announcement is made that the fund pledged to secure Mr. Carnegie's offer of $25,000 for a new Science Hall has been completed, the subscriptions having been very largely paid in, and Mr. Carnegie has advised the college trustees that his $25,000 will be available as the work on the building progresses. The money will be used for erecting a new Chemical Building, and it is expected the building will be ready about the opening of next fall term.

NATURAL SCIENCE DEPARTMENT.

Dr. C. F. Mignin, of Stryker, O., has given the College two cases of mounted birds, and a lot of supplies for work in taxidermy.

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PRESIDENT'S HOUSE.

UNIVERSITY OF ILLINOIS-URBANA
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